XVM-F65WL

SERVICE MANUAL

Ver. 1.1 2005.08

US Model
Canadian Model
AEP Model
UK Model
E Model
Chinese Model

• This set consists of the following units.

	AEP, UK model	US, Canadian model	E, Chinese model
MONITOR	XVM-F65WL	XVM-F65WL	XVM-F65WL
CONNECTION BOX	XA-126	XA-125	XA-125
REMOTE COMMANDER	RM-X709	RM-X709	RM-X709
CORDLESS HEADPHONES	——	MV-02HP	——

SPECIFICATIONS

Monitor XVM-F65WL

System Liquid crystal colour display
Drive system TFT-LCD active matrix system
Picture size 6.5 inches wide screen (16:9)
143.4 × 79.3 mm, 165.1 mm (w/h, d)
Picture segment
280,800 (w 1,200 × h 234) dots
Power requirements
12 V DC car battery (negative ground)
Current drain Approx. 1 A
Dimensions 194 × 101 × 27.1 mm (w/h/d)
(7 3/4 × 4 × 1 1/8 in.)
Operating temperature
0 °C – 45 °C
Mass Approx. 424 g (15 oz)

Connection box XA-126 (AEP, UK model), XA-125 (US, Canadian, E, Chinese model)

A/V Output
Output Impedance: less than 470 Ω
less than 1,000 pF
Output Level: 0 dBs ±0.3 dB (0.775 V rms)
Video: 75 Ω 1 Vp-p
A/V Input × 2
Input Impedance: more than 10 kΩ
less than 1,000 pF
Input Level (max.): 1.3 dBs +0/–0.3 dB (1 V rms)
Video: 75 Ω 1 Vp-p
Dimensions 147.5 × 40 × 80 mm (w/h/d)
(5 7/8 × 1 5/8 × 3 1/4 in.)
Mass Approx. 282 g (10 oz)

Card remote commander RM-X709

Power requirements
CR2025 lithium battery
Operable range
Approx. 2.5 m
Dimensions 55 × 125 × 15 mm (w/h/d)
Mass Approx. 40 g
(including batteries)

Headphones (US, Canadian model)

Modulation system
Frequency modulation
Carrier frequency
Right: 2.8 MHz (CH1)/3.8 MHz (CH2)
Left: 2.3 MHz (CH1)/3.2 MHz (CH2)
Frequency response
18 – 22,000 Hz
Power source DC 3.0 V; using R6 dry batteries (2)
Mass Approx. 230 g
(including batteries)

– Continued on next page –

MOBILE MONITOR

9-879-756-02
2005H04-1
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e Vehicle Group
Published by Sony Engineering Corporation

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Supplied accessories

Installation kit (1)
Monitor stand (1) (AEP, UK, E, Chinese model)
(with supplied screws (5))
Connection box XA-126 (1) (AEP, UK model)
Connection box XA-125 (1)
(US, Canadian, E, Chinese model)
Cordless headphones MV-02HP (1)
(US, Canadian model)
Rechargeable battery MV-100BAT (1)
(AEP, UK, E, Chinese model)
Battery rechargeable cable (1)
(AEP, UK, E, Chinese model)
Card remote commander RM-X709
(with supplied battery) (1)
Power supply cord (1)
Detach cradle (3 m) (1)
Cigar plug (0.3 m) (1)
Operating Instructions (1 set)

Design and specifications are subject to change without notice.

Notes on Chip Component Replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

● UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)

: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40°C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350°C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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SECTION 1
SERVICE NOTES

NOTE FOR REPLACEMENT OF THE EEP ROM (IC403)

The EEP ROM (IC403) contains all data by which the LCD screen is defined.
When the EEP ROM is replaced, the normal LCD screen will not appear.
It is then necessary to write the data into the EEP ROM.

Writing Method:

1. Turn on power to the connection box XA-125/126.
2. Press the [POWER] key on the set to turn on the set.
   (Normal LCD screen doesn't appear because there is no data in EEP ROM.)
3. Press the [RESET] key while pressing the [INPUT] and [VOL–] keys on the set.
4. Press the [VOL–] key on the remote controller for more than 2 seconds.
5. The EEP ROM data will be written and the normal test mode screen will appear.
   After this, perform V COM voltage/position adjustment as well as VIDEO adjustment.

NOTE FOR REPLACEMENT OF THE SYSTEM CONTROL (IC401)

When the IC401 is replaced, the video system should be set again according to the destinations.

Setting Method:

1. Enter the test mode. (See page 11).
2. Select NTSC/PAL SELECT from the test mode menu.
3. Set the video system to the appropriate mode for each destination by using the [MENU] key.

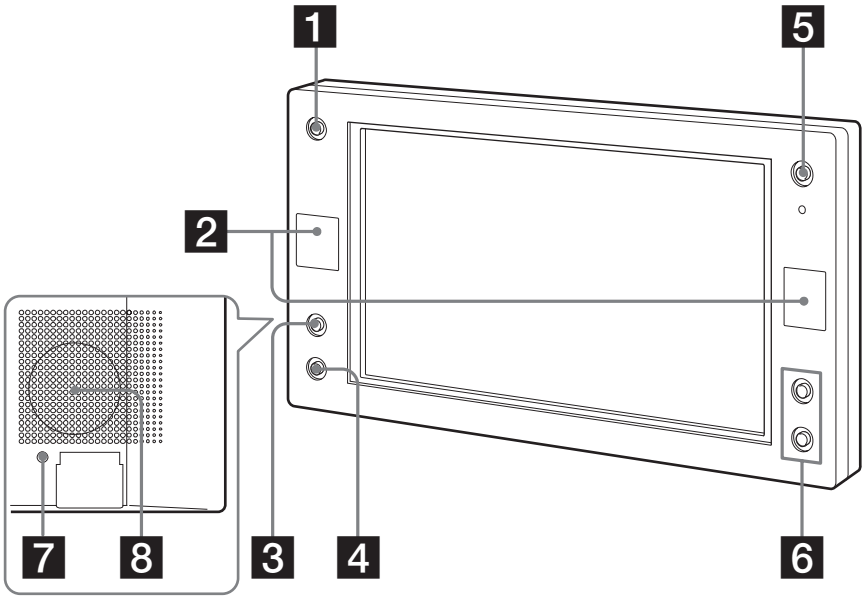
Video mode	Destination
NTSC 2.4G PACK	US, Canadian
PAL 2.4G PACK	E, Chinese
PAL RGB 2.4G PACK	AEP, UK

SECTION 2
GENERAL

This section is extracted from instruction manual.

Location of controls

Monitor



1 INPUT button
Press to select the input source.

2 Receptor for the card remote commander/Transmitter for the cordless headphones*

3 MENU button
Press to make various settings.

4 DIMMER button
Press to switch the dimmer on/off. (When it is set to On, the display darkens.)

5 POWER (on/off) button
Press to turn on/off the monitor.

6 VOLUME +/– buttons
Press to turn up or down the volume (The default volume level is 25.) or to select the item during menu operation.

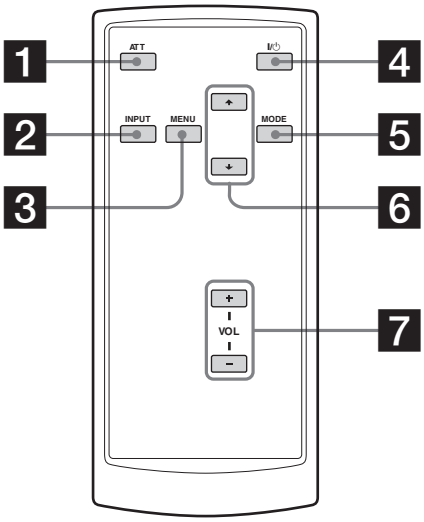
7 RESET button

8 Monaural speaker

* ***If interference occurswhile using several cordlessheadphones***
If several monitors are installed and used simultaneously, interference may occur.

6

Card remote commander RM-X709



1 ATT button
Press to quickly attenuate the volume.
To restore the previous volume level, press ATT again or VOL +/–.

2 INPUT button
Press to select the input source.

3 MENU button
Press to select the menu settings.

4 I/⏻ (power) button

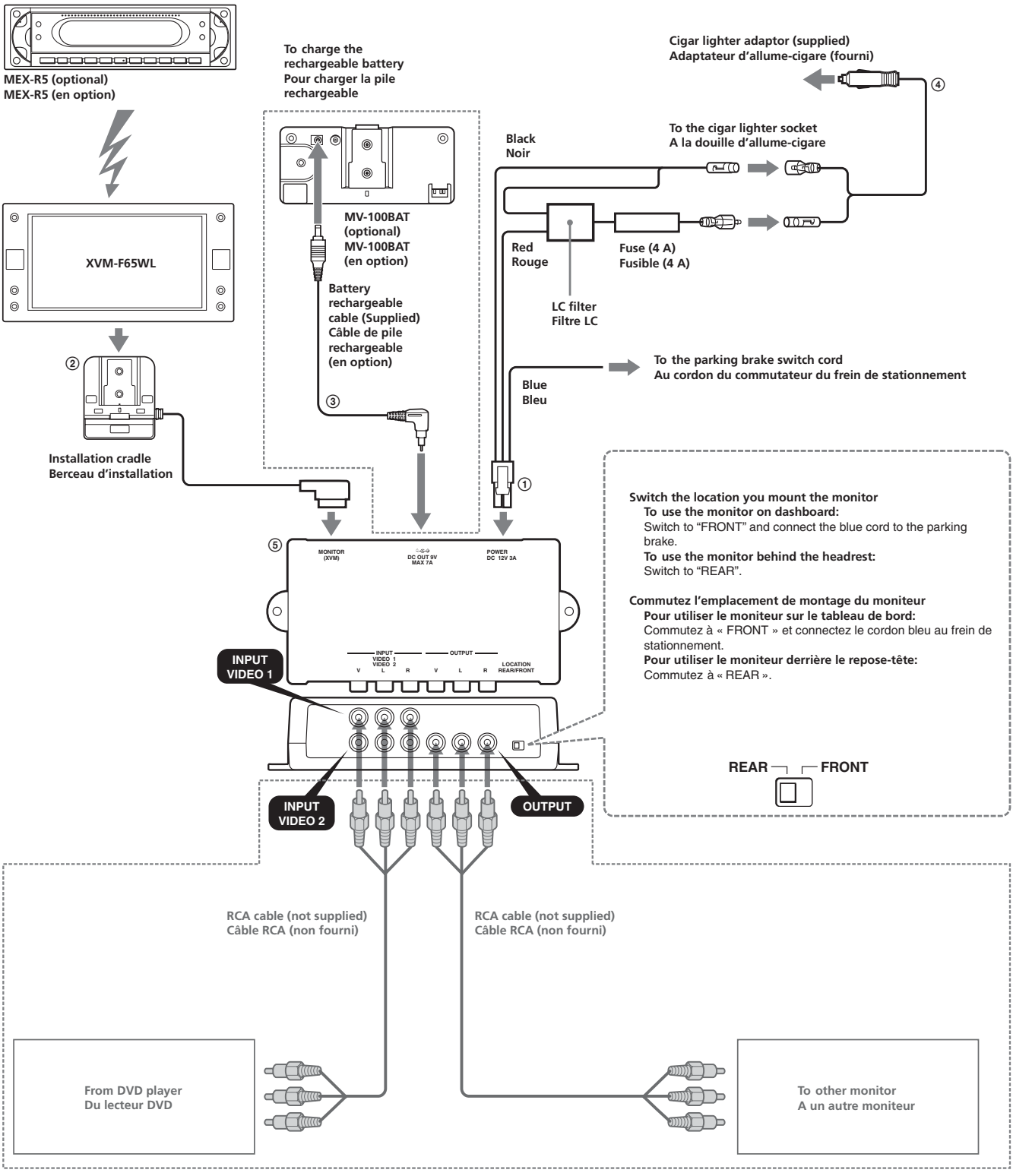
5 MODE button
Press to change the screen mode.

6 ↑/↓ buttons
Press to select the desired item.

7 VOL (volume) +/– buttons
Press to adjust the volume of the monitor.

Tip
Refer to "Replacing the lithium battery" for details on how to replace the batteries (page 19).

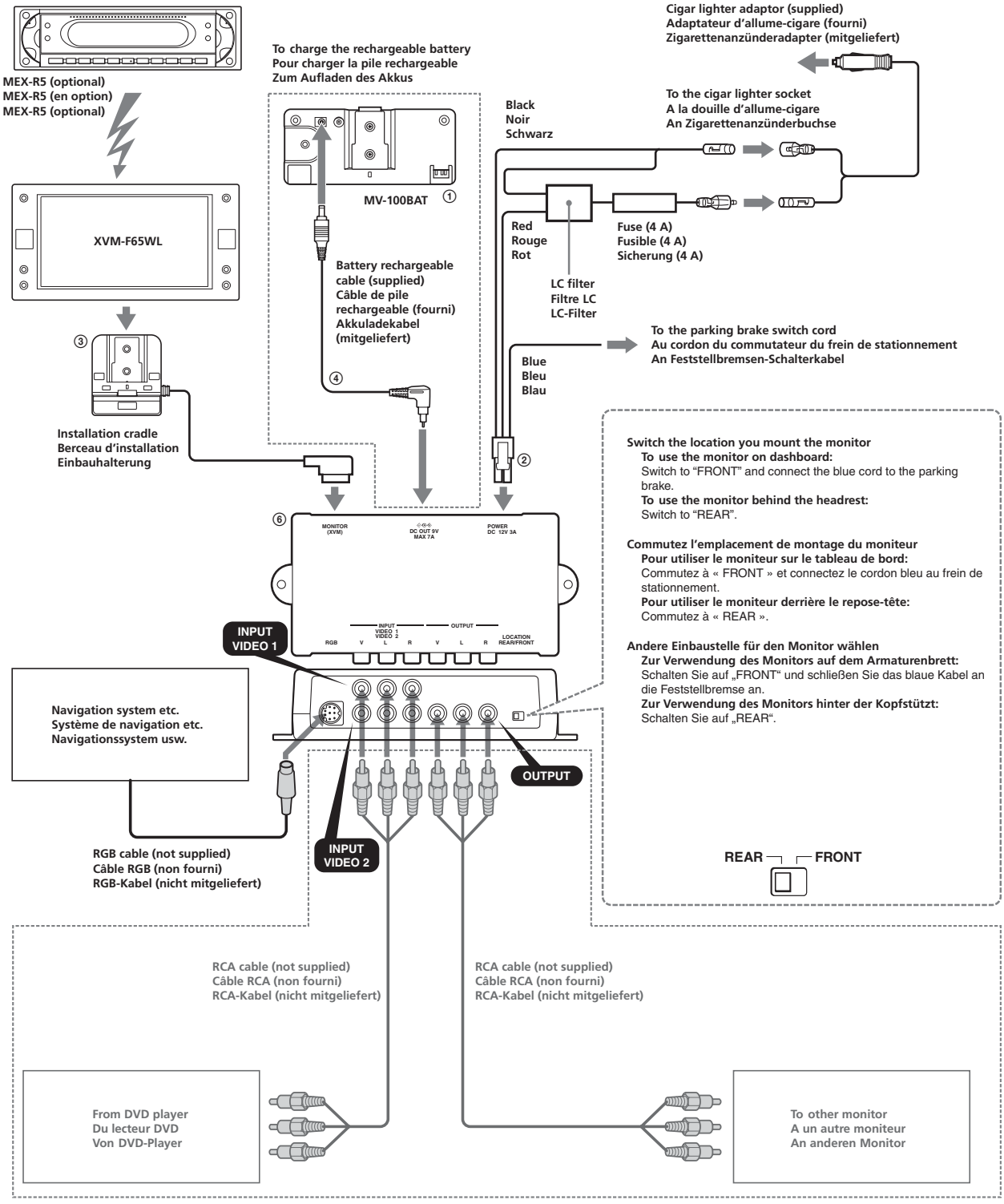
Connections
US, Canadian model



Notes
- Be sure to connect the power input cord after all other cords have been connected.
- Be sure to insert each connector securely, as vibration through driving may cause a poor connection.
- When removing the cable, hold the connector to avoid damages.

Remarques
- Connectez bien le cordon d'entrée d'alimentation après le raccordement de tous les autres cordons.
- Insérez fermement tous les connecteurs, car la vibration due à la conduite peut provoquer une mauvaise connexion.
- Au retrait du câble, saisissez le connecteur pour éviter les dommages.

Connections
AEP, UK model



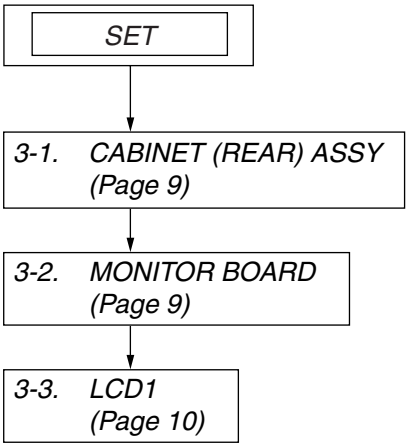
Notes
- Be sure to connect the power input cord after all other cords have been connected.
- Be sure to insert each connector securely, as vibration through driving may cause a poor connection.
- When removing the cable, hold the connector to avoid damages.
- When connecting the additional monitor, even if you select "NAVI" for the input source, the audio of the additional monitor or the cordless headphone will be "VIDEO 1".
- Please use the commercially available RGB cable with the connector that fits the RGB jack of the connection box.

Remarques
- Connectez bien le cordon d'entrée d'alimentation après le raccordement de tous les autres cordons.
- Insérez fermement tous les connecteurs, car la vibration due à la conduite peut provoquer une mauvaise connexion.
- Au retrait du câble, saisissez le connecteur pour éviter les dommages.
- Au raccordement d'un moniteur additionnel, même si vous sélectionnez « NAVI » comme source d'entrée, le son du moniteur additionnel ou du casque sans fil sera « VIDEO 1 ».
- Utilisez un câble RGB disponible dans le commerce avec connecteur adapté à la prise RGB de la boîte de raccordement.

Hinweise
- Schließen Sie das Stromeingangskabel erst an, nachdem alle anderen Kabel angeschlossen sind.
- Stellen Sie sicher, jeden Stecker fest anzuschließen, da Fahrvibrationen die Verbindungen lockern können.
- Beim Abnehmen des Kabels greifen Sie am Stecker, um Schäden zu vermeiden.
- Beim Anschließen des zusätzlichen Monitors ist das Tonsignal des zusätzlichen Monitors oder schnurlosen Kopfhörers „VIDEO 1", auch wenn Sie „NAVI" als Eingangsquelle wählen.
- Bitte verwenden Sie ein handelsübliches RGB-Kabel mit passendem Stecker für die RGB-Buchse an der Anschlussbox.

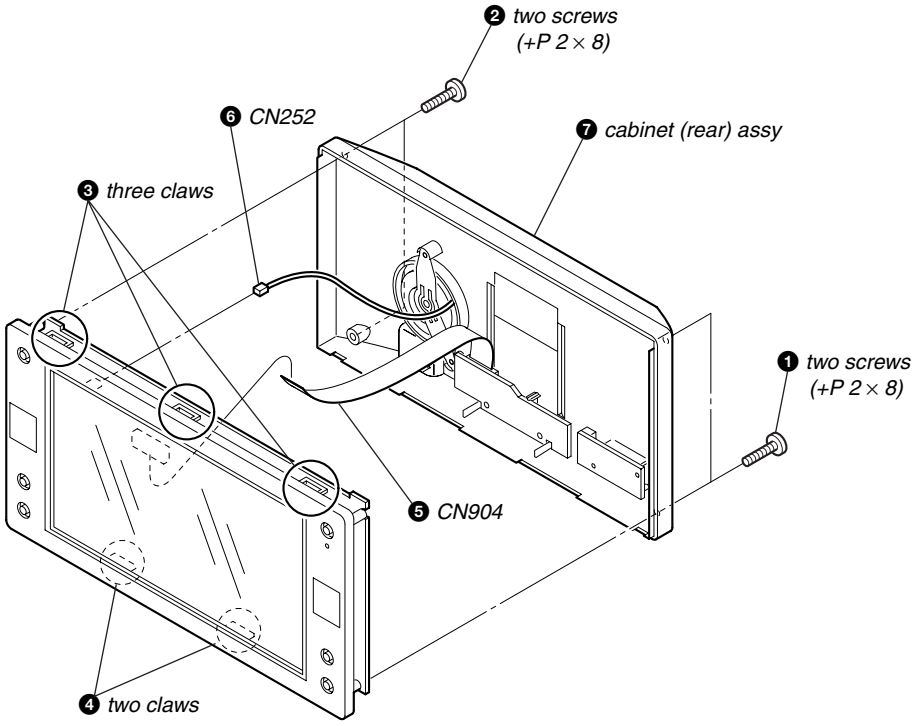
SECTION 3
DISASSEMBLY

Note: This set can be disassemble according to the following sequence.

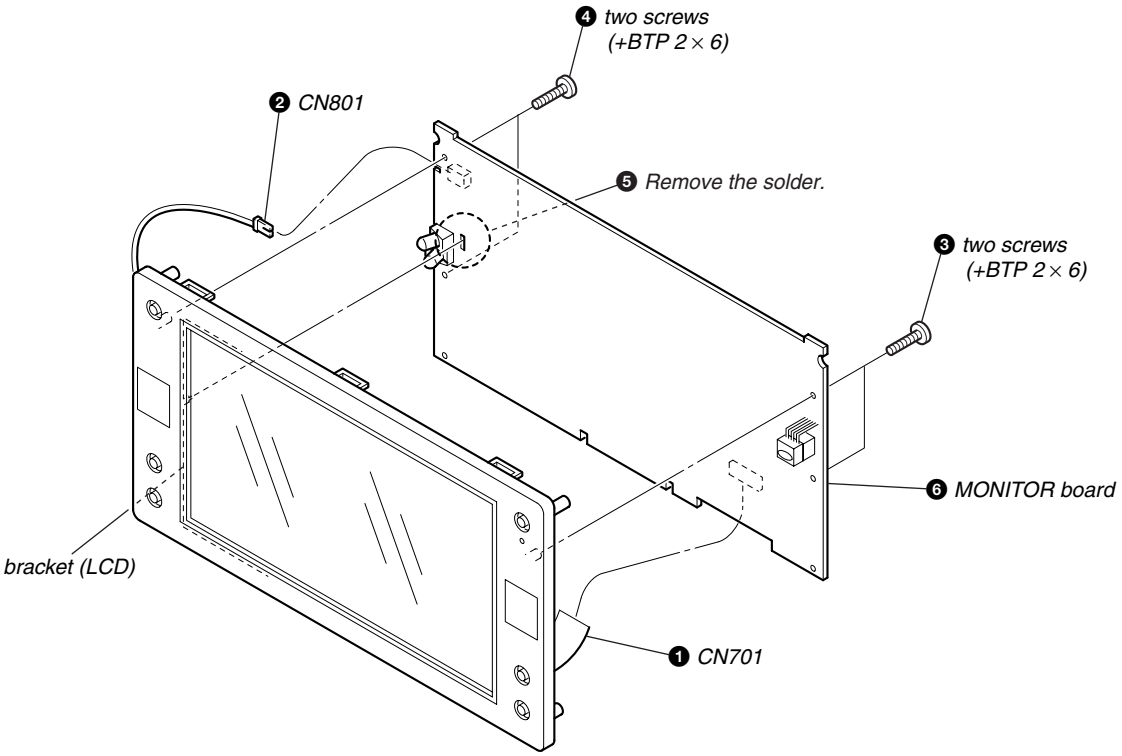


Note: Follow the disassembly procedure in the numerical order given.

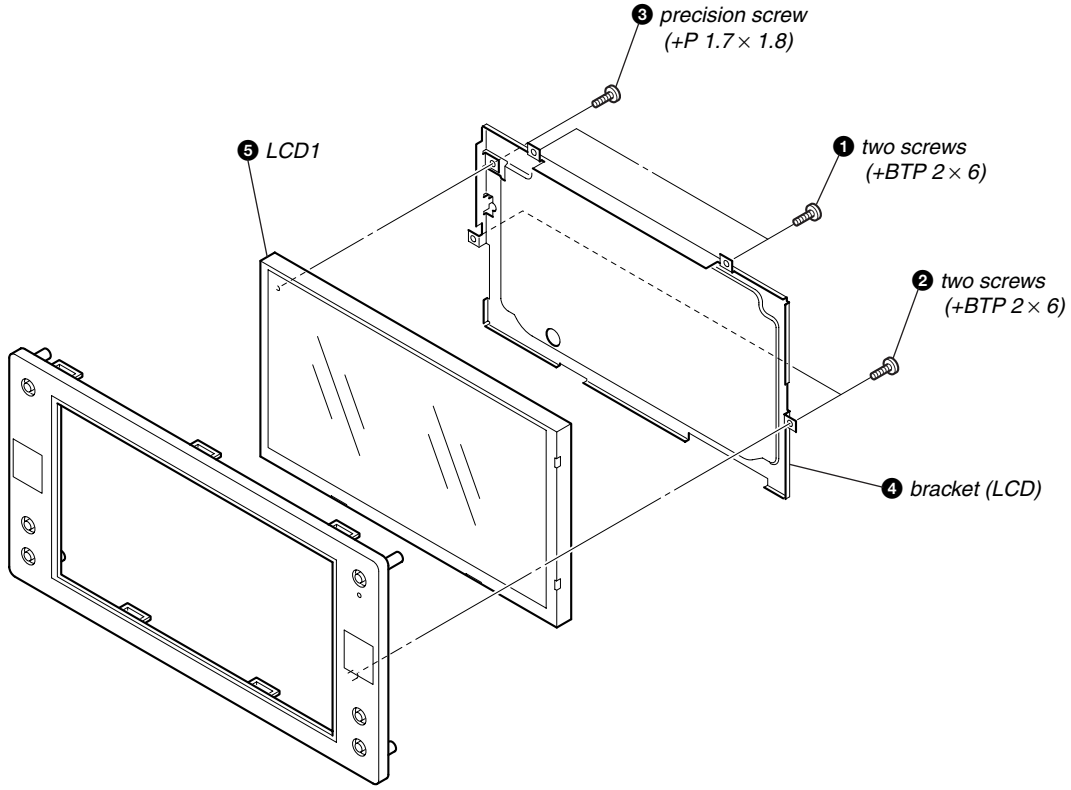
3-1. CABINET (REAR) ASSY



3-2. MONITOR BOARD



3-3. LCD1


❸ precision screw
(+P 1.7× 1.8)
❺ LCD1
❶ two screws
(+BTP 2× 6)
❷ two screws
(+BTP 2× 6)
❹ bracket (LCD)

SECTION 4
TEST MODE

Setting Method:

1. Turn on power to the connection box XA-125/126.
2. Press the [POWER] key on the set to turn on the set.
3. Press the [RESET] key while pressing the [INPUT] and [VOL–] Keys on the set. Then TEST MODE MENU appears.

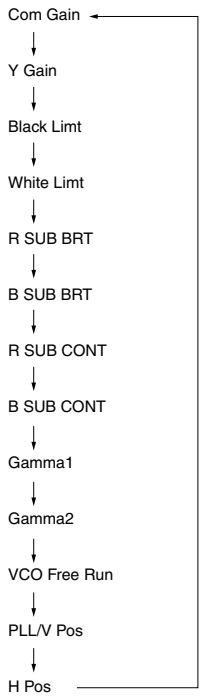
Terminating Method:

Select the MENU No. 5, SOFT RESET using the [MENU] key on the remote controller and determine the selection using the [INPUT] key.

The FOR FACTORY Mode:

The FOR FACTORY mode can be used to perform 13 different adjustment items with the remote controller.

1. Select the MENU No. 2, FOR FACTORY using the [MENU] key on the remote controller and determine the selection using the [INPUT] key.
2. The FOR FACTORY mode is now entered. The following items are selected in turn by pressing the [INPUT] key repeatedly.



3. For each item selected, adjust so that the adjustment value is within the specified value range using the [↑] and [↓] keys on the remote controller.
4. After adjustment, press the [INPUT] key on the remote controller to determine the adjustment value. After that, it changes into the following item.
5. After all necessary adjustments are completed, select EXIT using the [MENU] key on the remote controller and press the [INPUT] key to display the MENU screen. Then, select No.5, SOFT RESET using the [MENU] key and determine the selection using the [INPUT] key to terminate the TEST mode.

SECTION 5
ELECTRICAL ADJUSTMENTS

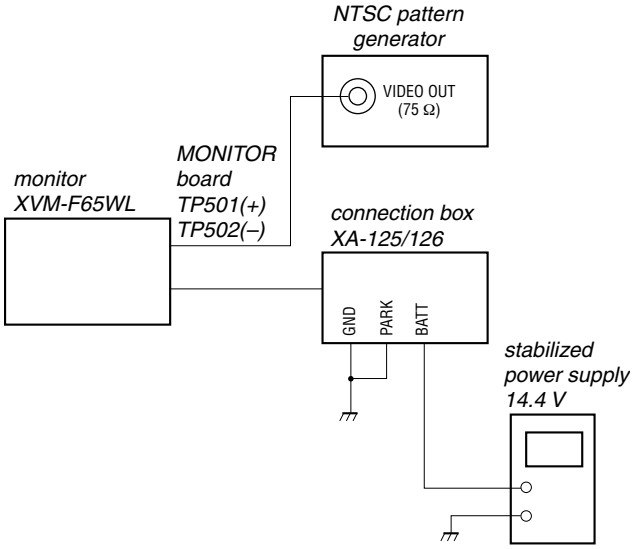
5-1. EQUIPMENT USED

The following measuring equipment are used for these electrical adjustments:

- Oscilloscope
- NTSC pattern generator
- Stabilized power supply
- Digital voltmeter
- Frequency counter

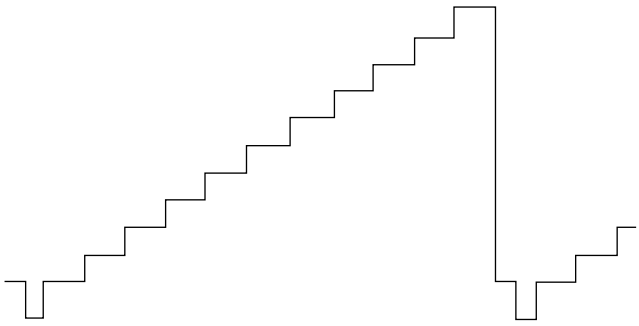
5-2. CONNECTION OF EQUIPMENT

Unless otherwise specified, the equipment should be connected as shown below.



5-3. SETUP FOR ADJUSTMENT

The 10-step gray scale signal from the NTSC pattern generator is used as an adjustment signal for V COM voltage/position adjustment as well as VIDEO adjustment.



10-step gray scale signal (with burst), 1Vp-p, 75 Ω

5-4. DC-DC CONVERTER ADJUSTMENT

5-4-1. Frequency Adjustment

Adjustment Method:

1) Connect frequency counter between TP702 (+) and TP704 (–).
2) Adjust RV702 so that the reading on the counter stands at the specified value.

Specified value: 243 ± 3 kHz

Adjustment location: Monitor board

5-4-2. 5V Voltage Adjustment

Adjustment Method:

1) Connect digital voltmeter between TP707 (+) and TP710 (–).
2) Adjust RV701 so that the reading on the voltmeter stands at the specified value.

Specified value: 5.05 ± 0.03 V

Adjustment location: Monitor board

5-4-3. Other Voltage Checks

Checking Method:

1) Connect digital voltmeter between TP708 (+) (Vdd) and TP710 (–).
2) Verify that the reading on the voltmeter is at 3.20 ± 0.2 V.
3) Connect digital voltmeter between TP706 (+) (Vgh) and TP710 (–).
4) Verify that the reading on the voltmeter is at 7.3 ± 0.3 V.
5) Connect digital voltmeter between TP705 (+) (Vgh) and TP710 (–).
6) Verify that the reading on the voltmeter is at 17.0 ± 1.5 V.
7) Connect digital voltmeter between TP709 (+) (Vss) and TP710 (–).
8) Verify that the reading on the voltmeter is at –12.0 ± 1.5 V.

Checking location: Monitor board

5-5. PLL ADJUSTMENT

1. Frequency Adjustment

Adjustment Method:

1) Connect digital voltmeter between TP651 (+) and TP652 (–).
2) Adjust RV651 so that the reading on the voltmeter stands at the specified value.

Specified value: 2.2 ± 0.15 V

Adjustment location: Monitor board

5-6. INVERTER HIGH VOLTAGE CHECK

Condition: DIMMER switch OFF

5-6-1. Voltage Check

Checking Method:

1) Connect oscilloscope between TP809 (+) and TP804 (–) using high voltage proof probes (100:1).
2) Verify that the reading on the oscilloscope is at 2.4 ± 0.15 Vpp.

Checking location: Monitor board

5-6-2. Frequency Check

Checking Method:

1) Connect oscilloscope between TP809 (+) and TP804 (–) using high voltage proof probes.
2) Verify that the reading on the oscilloscope is at 50 ± 2.5 kHz.

Checking location: Monitor board

5-7. OSD DOT CLOCK CHECK

1. Dot Clock Check

Checking Method:

1) Connect frequency counter between TP555 (+) and TP554 (–).
2) Verify that the reading on the counter is at 6.5 ± 0.2 MHz.

Checking location: Monitor board

5-8. NTSC SUBCARRIER CHECK.

1. Subcarrier Check

Checking Method:

1) Press the [INPUT] key on the remote controller and enter the NTSC mode using the [↑] and [↓] keys.
2) Connect frequency counter between TP503 (+) and TP504 (–).
3) Verify that the reading on the counter is at 3.579545 MHz ± 100 Hz.

Checking location: Monitor board

5-9. PAL SUBCARRIER CHECK

1. Subcarrier Check

Checking Method:

1) Press the [INPUT] key on the remote controller and enter the PAL mode using the [↑] and [↓] keys.
2) Connect frequency counter between TP503 (+) and TP504 (–).
3) Verify that the reading on the counter is at 4.433619 MHz ± 100 Hz.

Checking location: Monitor board

5-10. F0 FREQUENCY ADJUSTMENT

5-10-1. 3.2/3.8MHz (CH2) Adjustment

Adjustment Method:

LCH (3.2 MHz)

1) TP356 is connected to GND.
2) Connect frequency counter between TP354 (+) and TP353 (–).
3) Adjust RV352 so that the reading on the counter stands at the specified value.

Specified value: 3.2 MHz ± 3 kHz

RCH (3.8 MHz)

4) Connect frequency counter between TP352 (+) and TP353 (–).
5) Adjust RV351 so that the reading on the counter stands at the specified value.

Specified value: 3.8 MHz ± 3 kHz

Adjustment location: Monitor board

5-10-2. 2.3/2.8MHz (CH1) Check

Checking Method:

LCH (2.3MHz)

1) TP365 is made open.
2) Connect frequency counter between TP354 (+) and TP353 (–).
3) Verify that the reading on the counter is at 2.3 MHz ± 30 kHz.

RCH (2.8MHz)

4) Connect frequency counter between TP352 (+) and TP353 (–).
5) Verify that the reading on the counter is at 2.8 MHz ± 30 kHz.

Checking location: Monitor board

5-11. V COM VOLTAGE/POSITION ADJUSTMENT

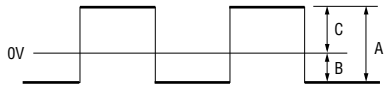
Condition: TEST MODE (See 11 page)

1. Voltage Setup Adjustment

Adjustment method:

1) Select Com Gain from the FOR FACTORY MODE.
2) Connect oscilloscope between TP724 (+) and TP710 (–).
3) Adjust so that the p-p value A of the waveform stands at the specified value using the [↑] and [↓] keys on the remote controller.
4) Adjust so that the level B on the negative side stands at the specified value using RV652.
5) Verify that the level C on the positive side stands at the specified value.

Specified value A: 6.8 ± 0.1 Vp-p
Specified value B: –2.1 ± 0.1 V
Specified value C: 4.7 ± 0.1 V



Adjusting location: Monitor board

5-12. VIDEO ADJUSTMENT

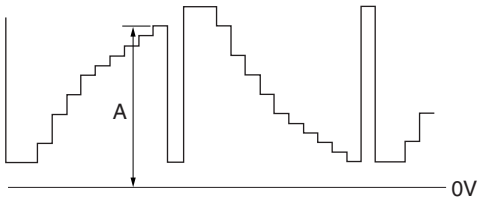
Conditions: TEST MODE (See 11 page)
10-step gray scale signal input
NTSC mode

5-12-1. Brightness Signal Contrast Level (Y GAIN)

Adjustment Method:

1) Select Y Gain from the FOR FACTORY MODE.
2) Connect oscilloscope between TP714 (+) and TP710 (–).
3) Adjust so that the signal level A stands at the specified value using the [↑] and [↓] keys on the remote controller.

Specified value: 3.8 ± 0.1 V



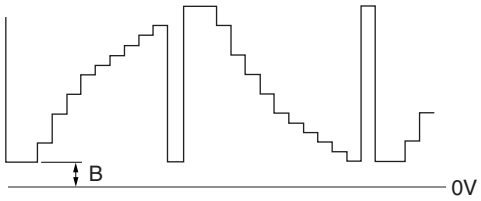
Adjustment location: Monitor board

5-12-2. Black Limiter Level Adjustment

Adjustment Method:

1) Select Black Limit from the FOR FACTORY MODE.
2) Connect oscilloscope between TP714 (+) and TP710 (–).
3) Adjust so that the signal level B stands at the specified value using the [↑] and [↓] keys on the remote controller.

Specified value: 1.05 ± 0.15 V



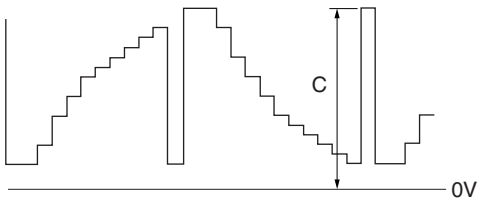
Adjustment location: Monitor board

5-12-3. White Limiter Level Adjustment

Adjustment Method:

1) Select White Limit from the FOR FACTORY MODE.
2) Connect oscilloscope between TP714 (+) and TP710 (–).
3) Adjust so that the signal level C stands at the specified value using the [↑] and [↓] keys on the remote controller.

Specified value: 3.95 ± 0.15 V



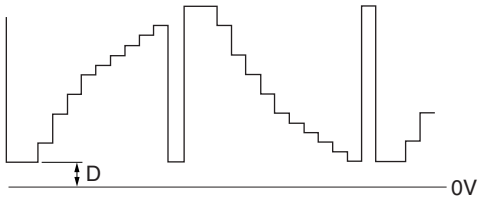
Adjustment location: Monitor board

5-12-4. R Sub Brightness Adjustment

Adjustment Method:

1) Select R SUS BRT from the FOR FACTORY MODE.
2) Connect oscilloscope between TP713 (+) and TP710 (–).
3) Adjust so that the signal level D stands at the specified value using the [↑] and [↓] keys on the remote controller.

Specified value: 1.05 ± 0.15 V



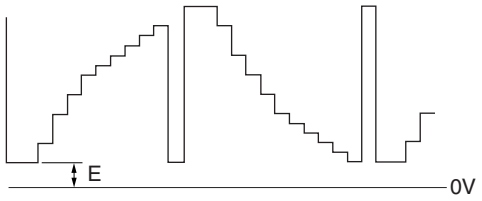
Adjustment location: Monitor board

5-12-5. B Sub Brightness Adjustment

Adjustment Method:

1) Select B SUS BRT from the FOR FACTORY MODE.
2) Connect oscilloscope between TP715 (+) and TP710 (–).
3) Adjust so that the signal level E stands at the specified value using the [↑] and [↓] keys on the remote controller.

Specified value: 1.05 ± 0.15 V



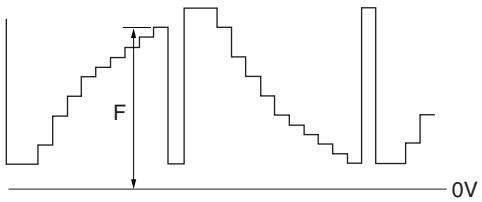
Adjustment location: Monitor board

5-12-6. R Sub Contrast Adjustment

Adjustment Method:

1) Select R SUB CONT from the FOR FACTORY MODE.
2) Connect oscilloscope between TP713 (+) and TP710 (–).
3) Adjust so that the signal level F stands at the specified value using the [↑] and [↓] keys on the remote controller.

Specified value: 3.8 ± 0.1 V



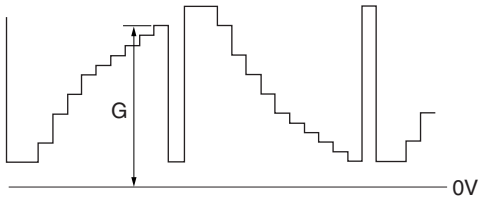
Adjustment location: Monitor board

5-12-7. B Sub Contrast Adjustment

Adjustment Method:

1) Select B SUB CONT from the FOR FACTORY MODE.
2) Connect oscilloscope between TP715 (+) and TP710 (–).
3) Adjust so that the signal level G stands at the specified value using the [↑] and [↓] keys on the remote controller.

Specified value: 3.8 ± 0.1 V



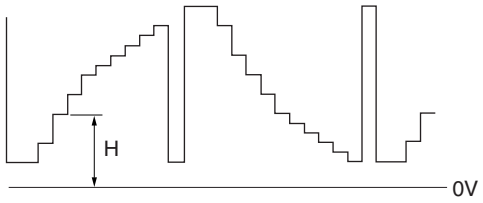
Adjustment location: Monitor board

5-12-8. γ 1 Adjustment

Adjustment Method:

1) Select Gamma1 from the FOR FACTORY MODE.
2) Connect oscilloscope between TP714 (+) and TP710 (–).
3) Adjust so that the signal level H stands at the specified value using the [↑] and [↓] keys on the remote controller.

Specified value: 2.1 ± 0.15 V



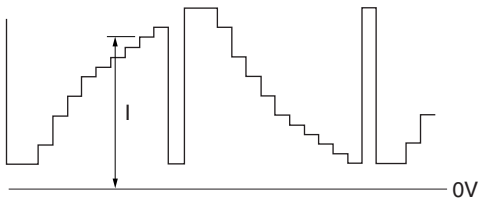
Adjustment location: Monitor board

5-12-9. γ 2 Adjustment

Adjustment Method:

1) Select Gamma2 from the FOR FACTORY MODE.
2) Connect oscilloscope between TP714 (+) and TP710 (–).
3) Adjust so that the signal level I stands at the specified value using the [↑] and [↓] keys on the remote controller.

Specified value: 3.6 ± 0.15 V



Adjustment location: Monitor board

5-12-10. VCO Free Run Adjustment

Adjustment Method:

1) Select VCO Free Run from the FOR FACTOR MODE.
2) Connect frequency counter between TP508 (+) and TP504 (–).
3) Adjust so that the reading on the counter stands at the specified value using the [↑] and [↓] keys on the remote controller.

Specified value: 15,734 ± 50 Hz

Adjustment location: Monitor board

5-12-11. V POS Adjustment

Adjustment Method:

1) Input mono scope signal from the NTSC pattern generator.
2) Select PLL/V POS from the FOR FACTORY MODE.
3) Observe the mono scope screen on the monitor and adjust so that the screen is vertically symmetrical using the [↑] and [↓] keys on the remote controller.

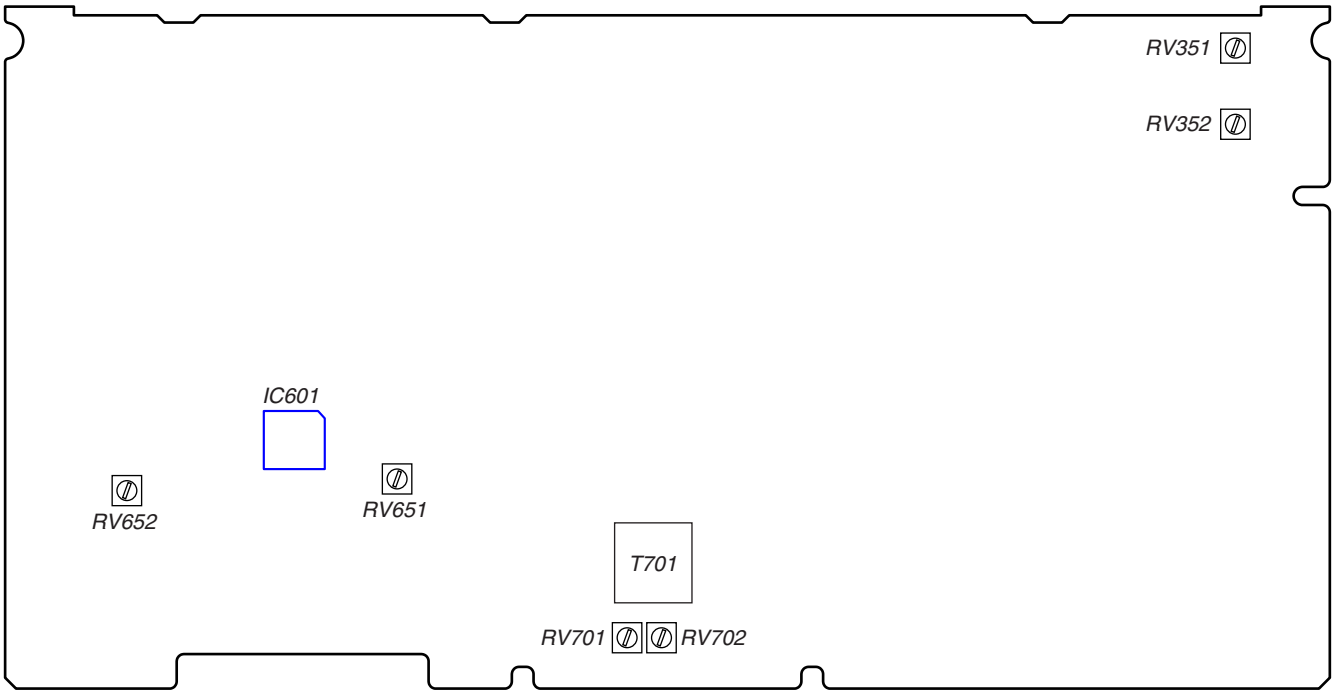
5-12-12. H POS Adjustment

Adjustment Method:

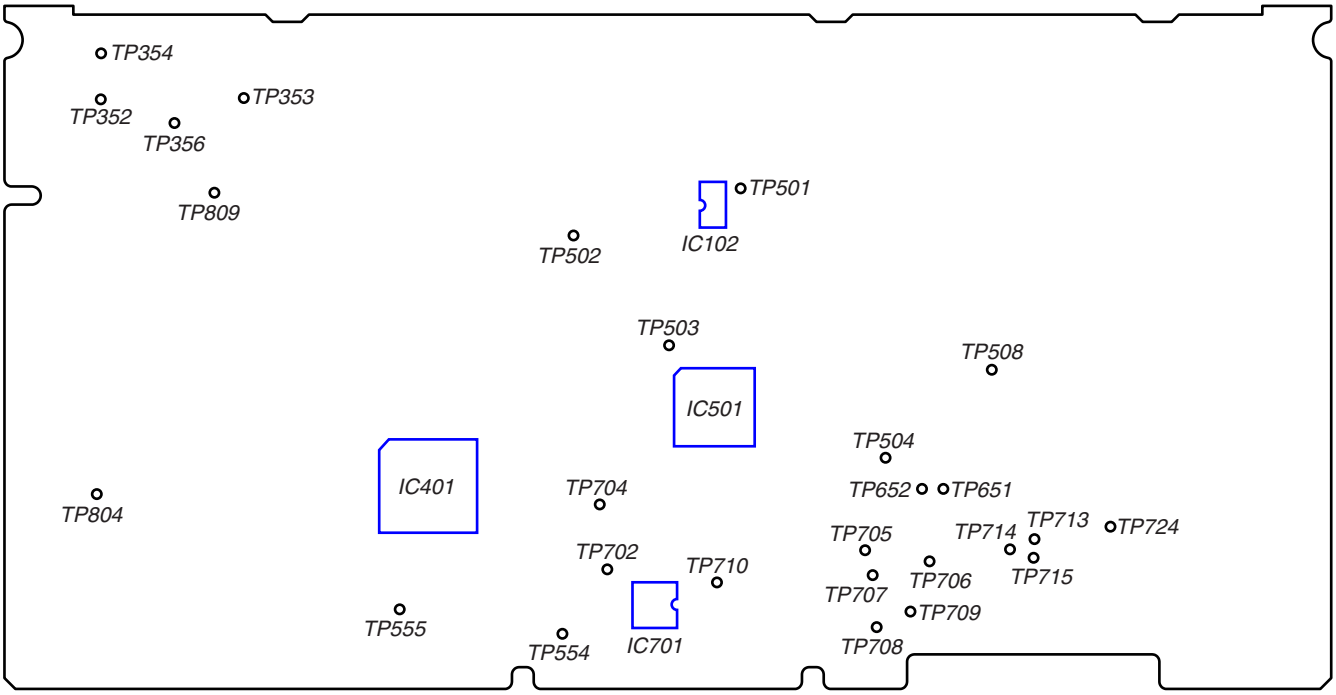
1) Input mono scope signal from the NTSC pattern generator.
2) Select H POS from the FOR FACTORY MODE.
3) Observe the mono scope screen on the monitor and adjust so that the screen is horizontally symmetrical using the [↑] and [↓] keys on the remote controller.

Adjustment Location:

– MONITOR BOARD – (SIDE A)

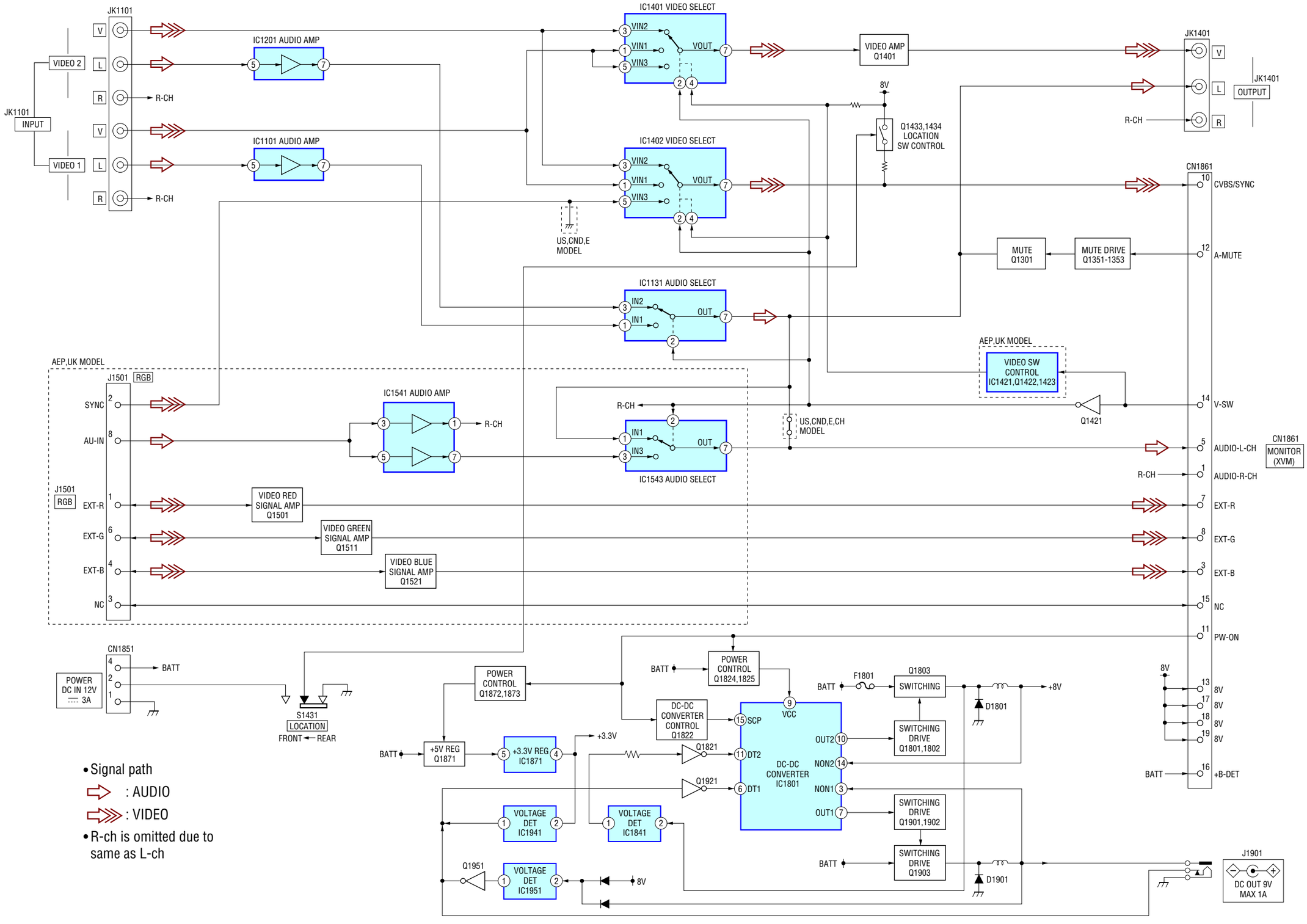


– MONITOR BOARD – (SIDE B)

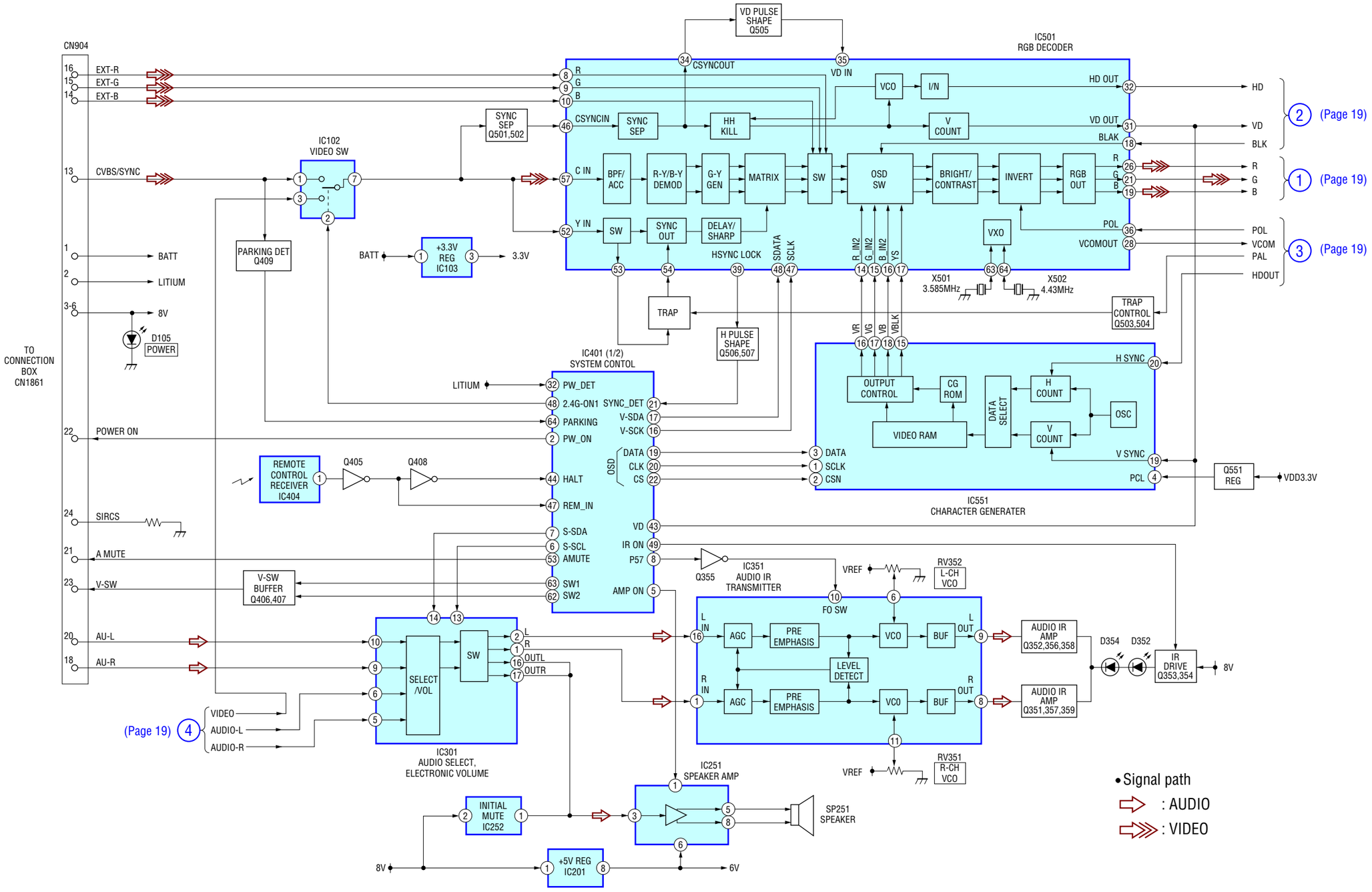


SECTION 6
DIAGRAMS

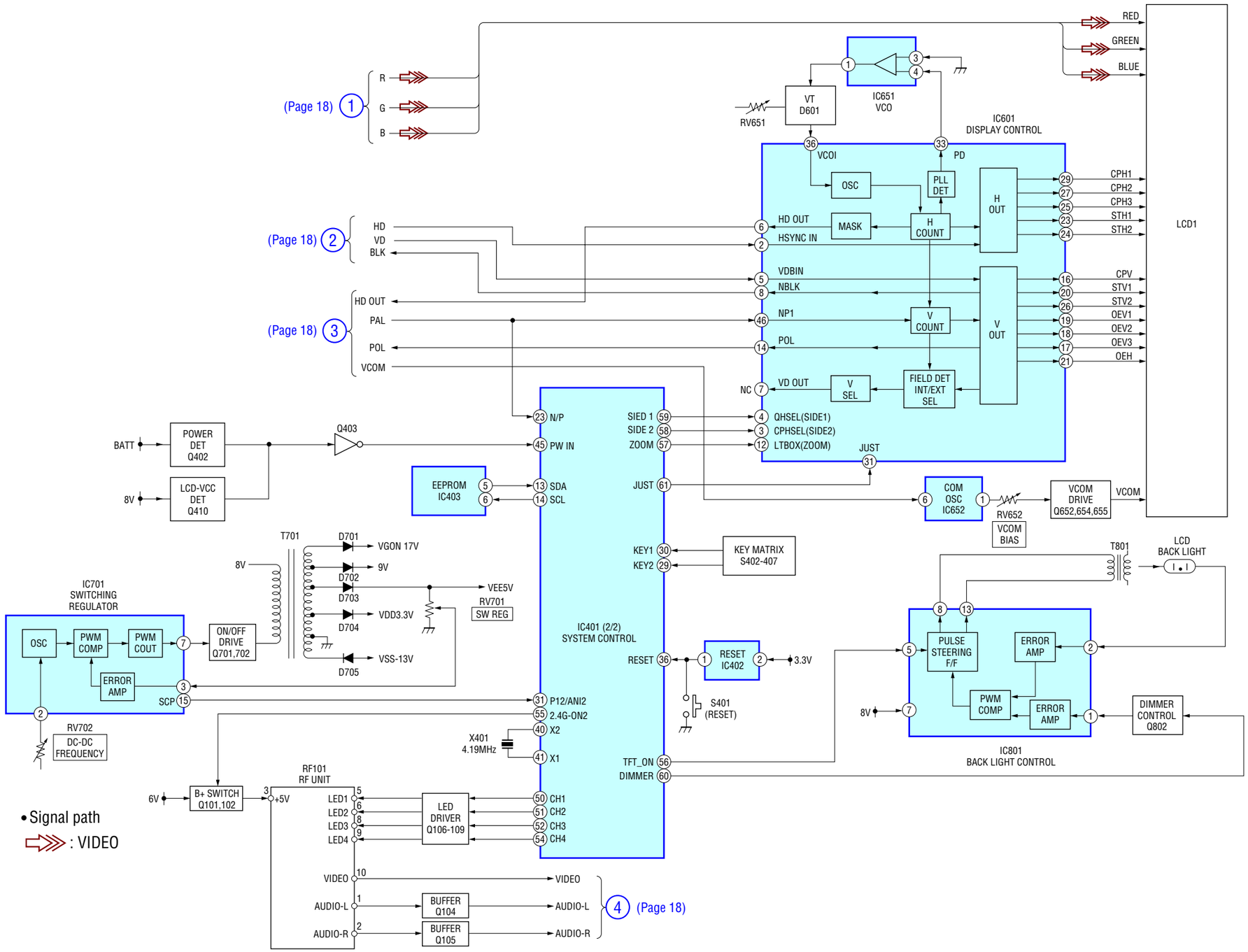
6-1. BLOCK DIAGRAM — CONNECTION BOX SECTION — XA-126: AEP, UK model, XA-125: US, Canadian, E, Chinese model



6-2. BLOCK DIAGRAM — VIDEO SECTION —



6-3. BLOCK DIAGRAM — DISPLAY SECTION —



• NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

for schematic diagram:

- All capacitors are in μF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- % : indicates tolerance.
- △ : internal component.
- ▭ : panel designation.

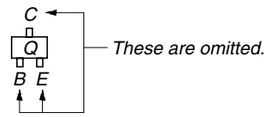
Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

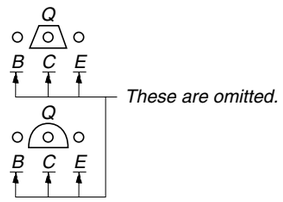
- ▬▬ : B+ Line.
- ▬ ▬ ▬ : B– Line.
- ▭ : adjustment for repair.
- CN901 of XVM-F65WL is connected to Connection Box with a monitor cable.
  Power voltage is dc 14.4 V from BATT cord of the Connection Box and fed with regulated dc power supply.
  Voltage and waveforms are measured at input the color bar signal from the Connection Box.
- Voltages are taken with a VOM (Input impedance 10 MΩ).
  Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : AUDIO
  ⇛ : VIDEO
- Abbreviation
  CND : Canadian model.
  CH : Chinese model.

for printed wiring boards:

- ○——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- ▬ : Pattern from the side which enables seeing.

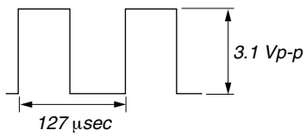
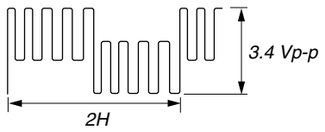
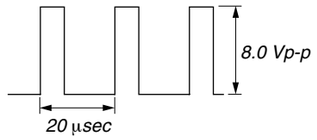
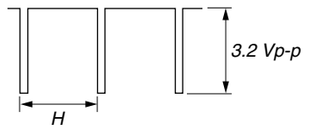
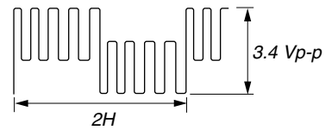
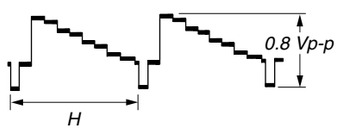
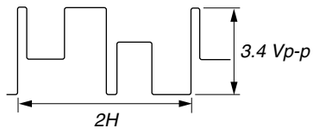
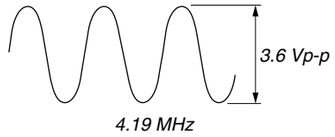
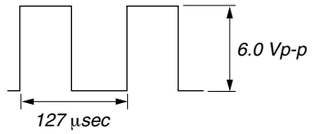
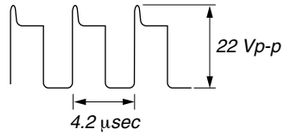
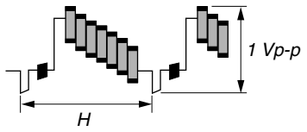
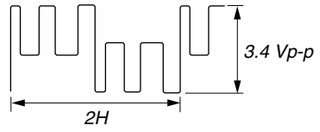
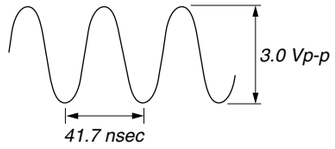
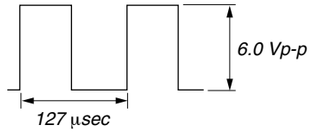
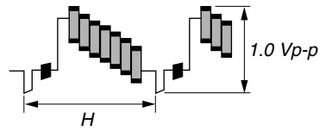
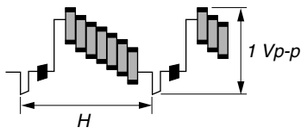
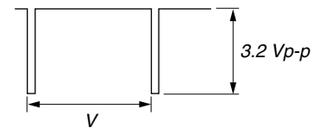
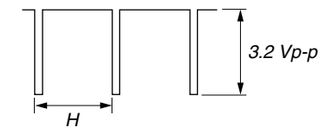
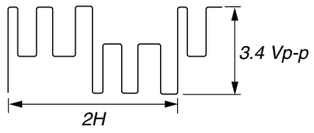
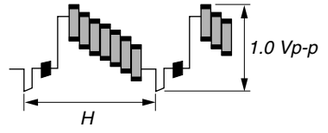
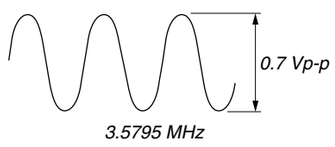
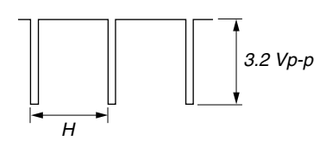
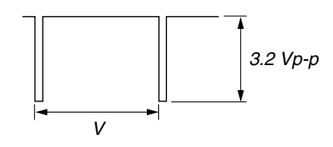
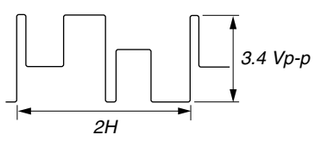
Caution:
Pattern face side: (Side B) Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A) Parts on the parts face side seen from the parts face are indicated.





- Abbreviation
  CND : Canadian model.
  CH : Chinese model.

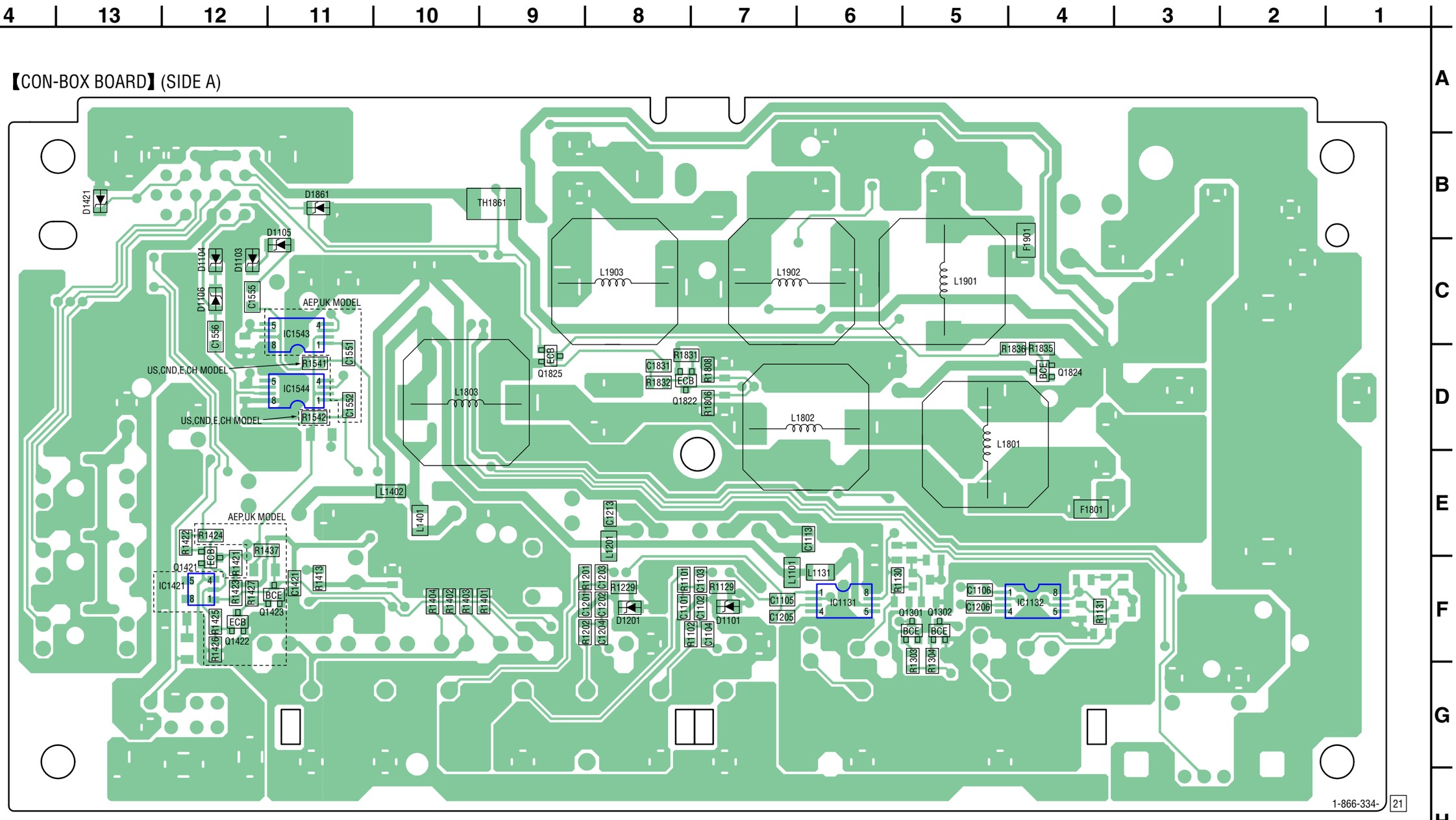
• Waveforms (MONITOR Board)

① IC501 ㊱ (POL)  1 V/div, 50 µsec/div	⑥ IC501 ⑲ (B-OUT)  1 V/div, 20 µsec/div	⑪ IC801 ⑧ (OUTL)  2 V/div, 5 µsec/div	⑯ IC601 ⑥ (HOUT)  1 V/div, 20 µsec/div	㉑ CN701 ⑥ (BLUE)  1 V/div, 20 µsec/div
② IC501 ㊻ (CSYNCIN)  0.5 V/div, 20 µsec/div	⑦ IC501 ㉑ (G-OUT)  1 V/div, 20 µsec/div	⑫ IC401 ㊵ (X2)  1 V/div, 100 nsec/div	⑰ IC652 ① (OUT1)  2 V/div, 20 µsec/div	㉒ Q702 Ⓒ (TP703)  10 V/div, 2 µsec/div
③ IC501 ㊷ (YIN)  0.5 V/div, 20 µsec/div	⑧ IC501 ㉖ (R-OUT)  1 V/div, 20 µsec/div	⑬ IC601 ㊱ (VCO1)  0.5 V/div, 200 nsec/div	⑱ CN701 ① (VCOM)  2 V/div, 20 µsec/div	㉓ IC102 ① (VIN1)  0.5 V/div, 20 µsec/div
④ IC501 ㊼ (CIN)  0.5 V/div, 20 µsec/div	⑨ IC501 ㉛ (VDOUT)  1 V/div, 2 msec/div	⑭ IC601 ② (HSYNCIN)  1 V/div, 20 µsec/div	⑲ CN701 ④ (RED)  1 V/div, 20 µsec/div	㉔ IC102 ⑦ (VO)  0.5 V/div, 20 µsec/div
⑤ IC501 ㊷ (SCOUT)  0.2 V/div, 200 nsec/div	⑩ IC501 ㉜ (HDOUT)  1 V/div, 20 msec/div	⑮ IC601 ⑤ (VDBIN)  1 V/div, 2 msec/div	⑳ CN701 ⑤ (GREEN)  1 V/div, 20 µsec/div	

6-4. PRINTED WIRING BOARD — CONNECTION BOX SECTION — XA-126: AEP, UK model, XA-125: US, Canadian, E, Chinese model

: Uses unleaded solder .

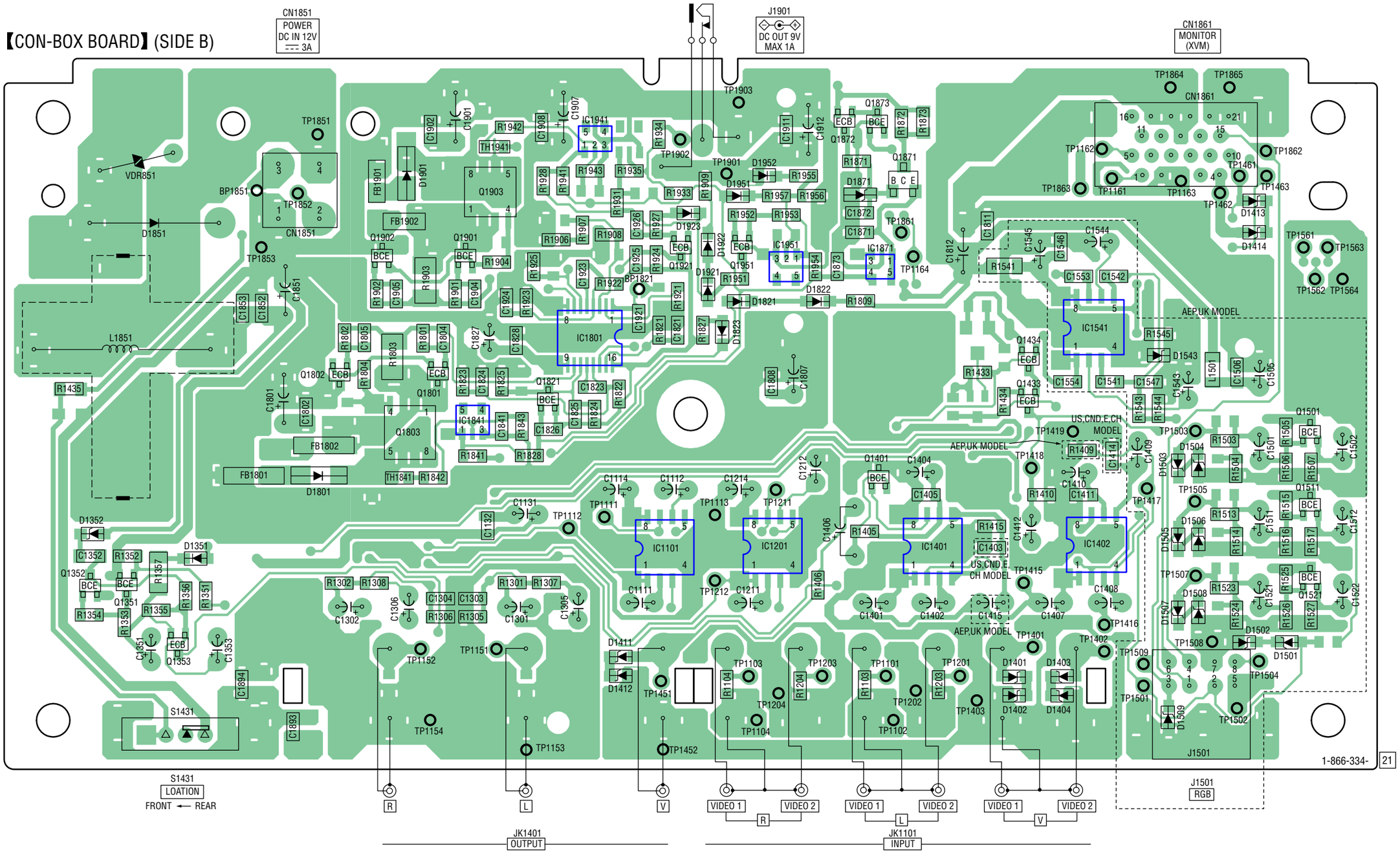
【CON-BOX BOARD】(SIDE A)



- **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location
D1101	F-7	IC1543	C-11
D1103	C-12	IC1544	D-11
D1104	C-12		
D1105	B-11	Q1301	F-5
D1106	C-12	Q1302	F-5
D1201	F-8	Q1421	F-12
D1421	B-13	Q1422	F-12
D1861	B-11	Q1423	F-12
		Q1822	D-8
IC1131	F-6	Q1824	D-4
IC1132	F-4	Q1825	D-9
IC1421	F-12		

【CON-BOX BOARD】(SIDE B)

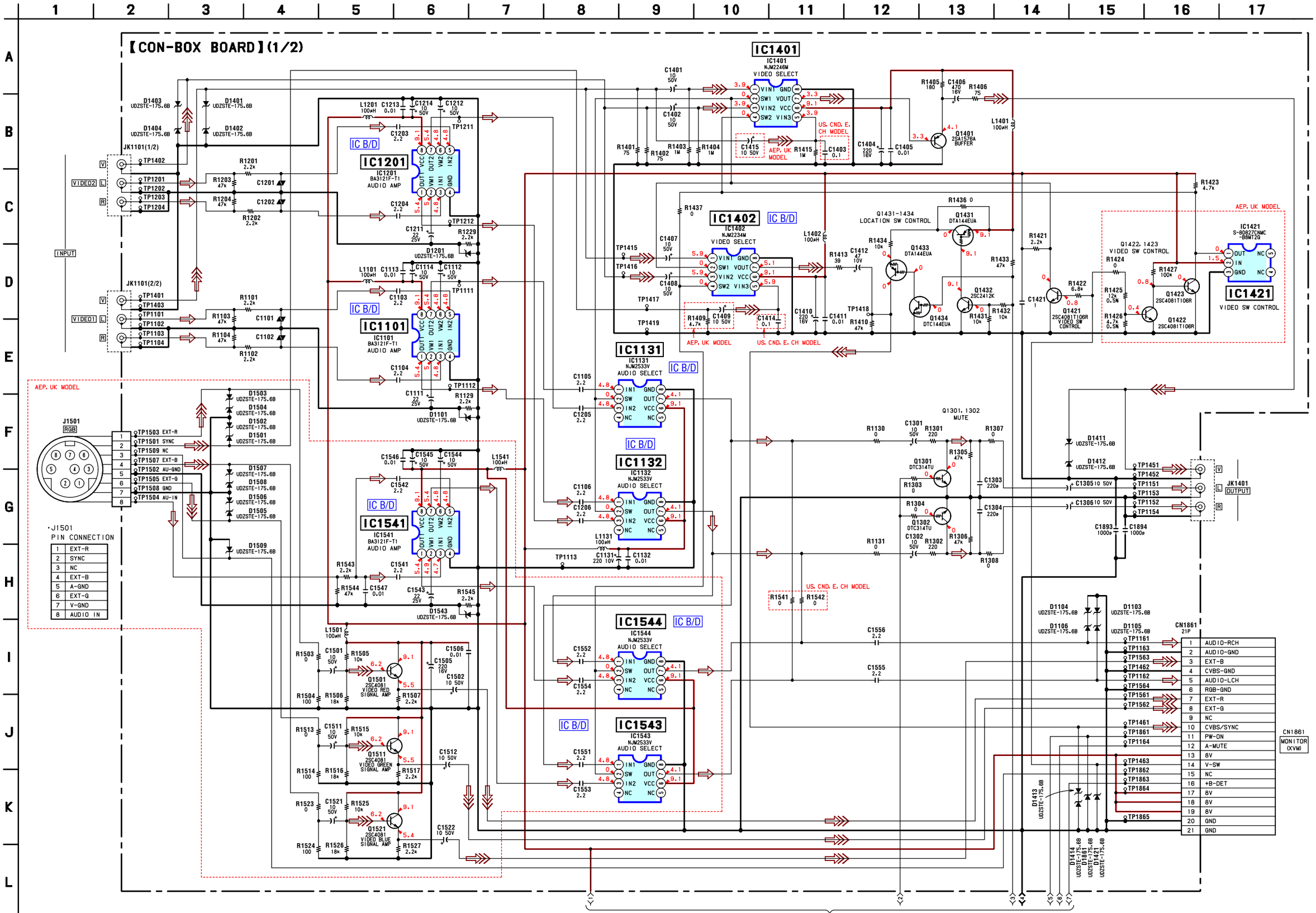


- **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D1351	F-3	D1502	G-13	D1822	C-9	IC1101	F-7	Q1351	F-2	Q1803	E-5
D1352	F-2	D1503	E-12	D1823	D-8	IC1201	F-8	Q1352	F-2	Q1821	D-6
D1401	G-10	D1504	E-12	D1851	C-2	IC1401	F-10	Q1353	G-3	Q1871	B-9
D1402	G-10	D1505	F-12	D1871	B-9	IC1402	F-11	Q1401	E-9	Q1872	B-9
D1403	G-11	D1506	F-12	D1901	B-5	IC1541	D-11	Q1433	D-11	Q1873	B-9
D1404	G-11	D1507	F-12	D1921	C-8	IC1801	D-6	Q1434	D-11	Q1901	C-5
D1411	G-7	D1508	F-12	D1922	C-8	IC1841	E-5	Q1501	E-13	Q1902	C-5
D1412	G-7	D1509	G-12	D1923	C-7	IC1871	C-9	Q1511	E-13	Q1903	B-6
D1413	C-13	D1543	D-12	D1951	B-8	IC1941	B-7	Q1521	F-13	Q1921	C-7
D1414	C-13	D1801	E-4	D1952	B-8	IC1951	C-8	Q1801	D-5	Q1951	C-8
D1501	G-13	D1821	C-8					Q1802	D-4		

6-5. SCHEMATIC DIAGRAM — CONNECTION BOX SECTION (1/2) — • Refer to page 33 for IC Block Diagrams.

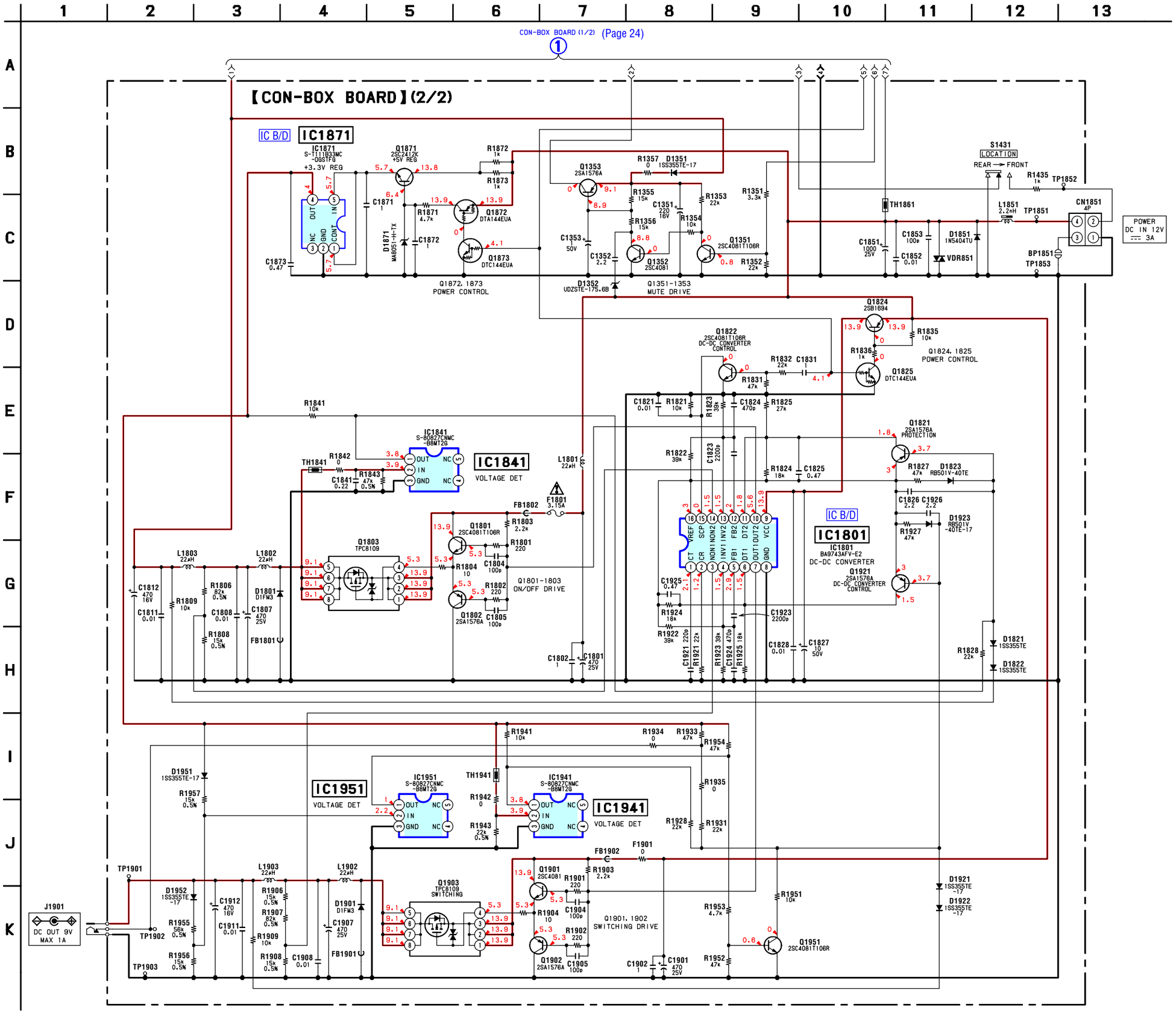
XA-126: AEP, UK model, XA-125: US, Canadian, E, Chinese model



6-6. SCHEMATIC DIAGRAM — CONNECTION BOX SECTION (2/2) —

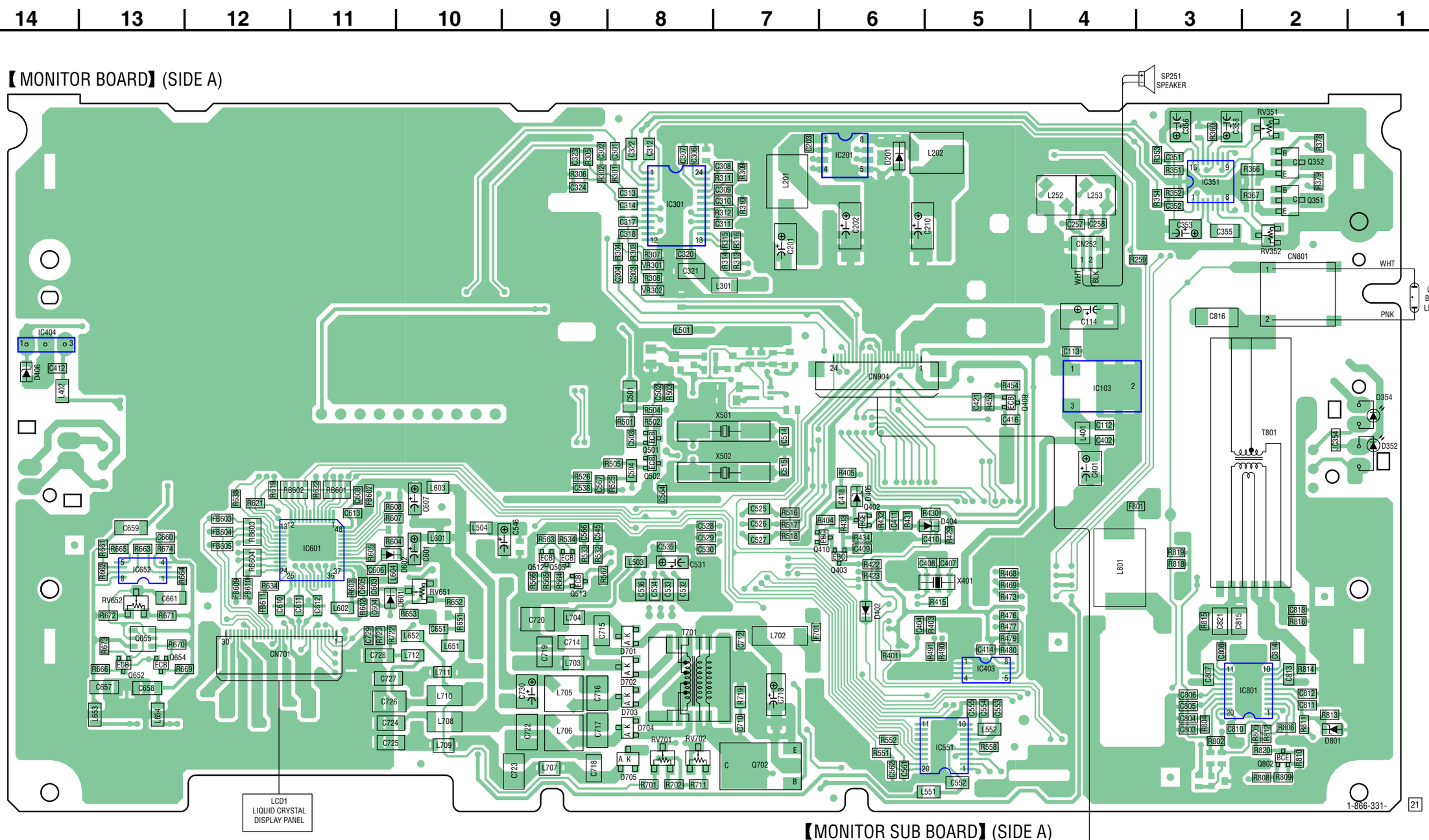
• Refer to page 33 for IC Block Diagrams.

XA-126: AEP, UK model, XA-125: US, Canadian, E, Chinese model

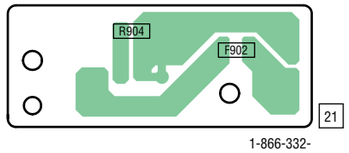


6-7. PRINTED WIRING BOARDS — MONITOR SECTION — : Uses unleaded solder.

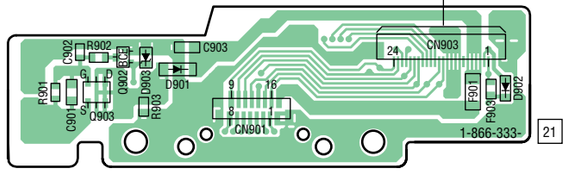
【MONITOR BOARD】(SIDE A)



【BATT PLUG BOARD】(SIDE A)



【MONITOR SUB BOARD】(SIDE A)



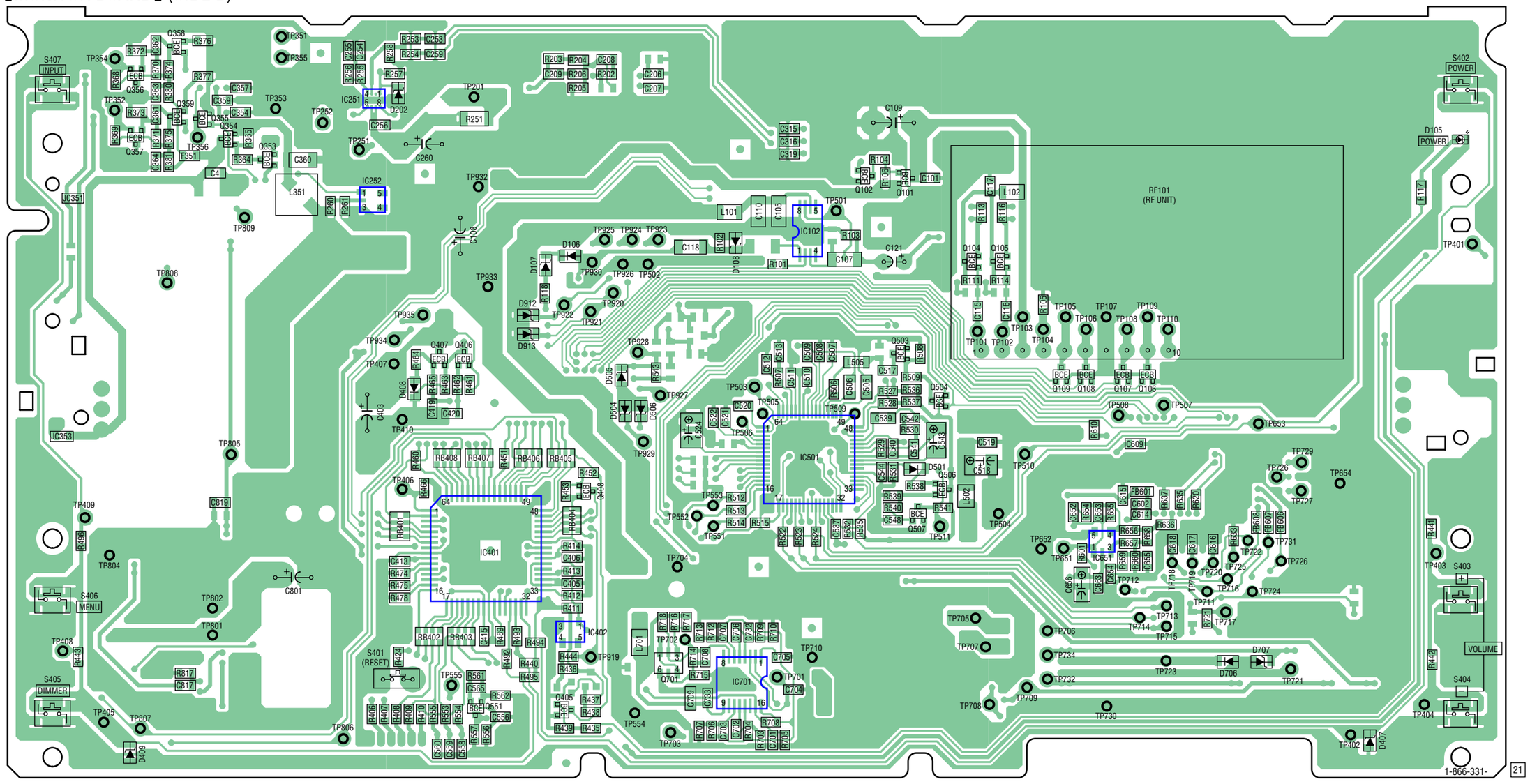
- **Semiconductor Location (MONITOR Board)**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D201	B-6	D703	G-8	IC551	G-5	Q501	D-8
D352	D-1	D704	G-8	IC601	E-11	Q502	E-8
D354	D-1	D705	H-8	IC652	F-13	Q505	F-9
D402	F-6	D801	G-2	IC801	G-2	Q512	F-9
D404	E-5					Q513	F-9
D405	E-6	IC103	D-4	Q351	B-2	Q652	G-13
D406	D-14	IC201	B-6	Q352	B-2	Q654	F-13
D601	F-10	IC301	B-8	Q402	E-6	Q655	F-13
D602	F-10	IC351	B-3	Q403	F-6	Q702	G-7
D701	F-8	IC403	G-5	Q409	D-5	Q802	G-2
D702	G-8	IC404	C-14	Q410	E-6		

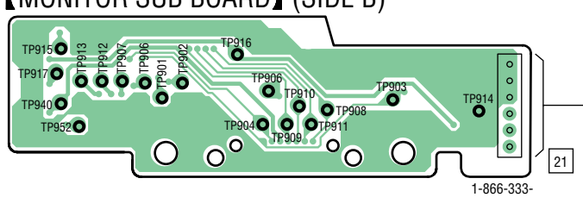
- **Semiconductor Location (MONITOR SUB Board)**

Ref. No.	Location
D901	I-6
D902	I-4
D903	I-6
Q902	I-6
Q903	I-6

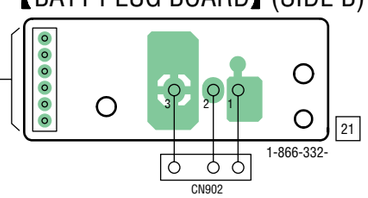
【MONITOR BOARD】(SIDE B)



【MONITOR SUB BOARD】(SIDE B)



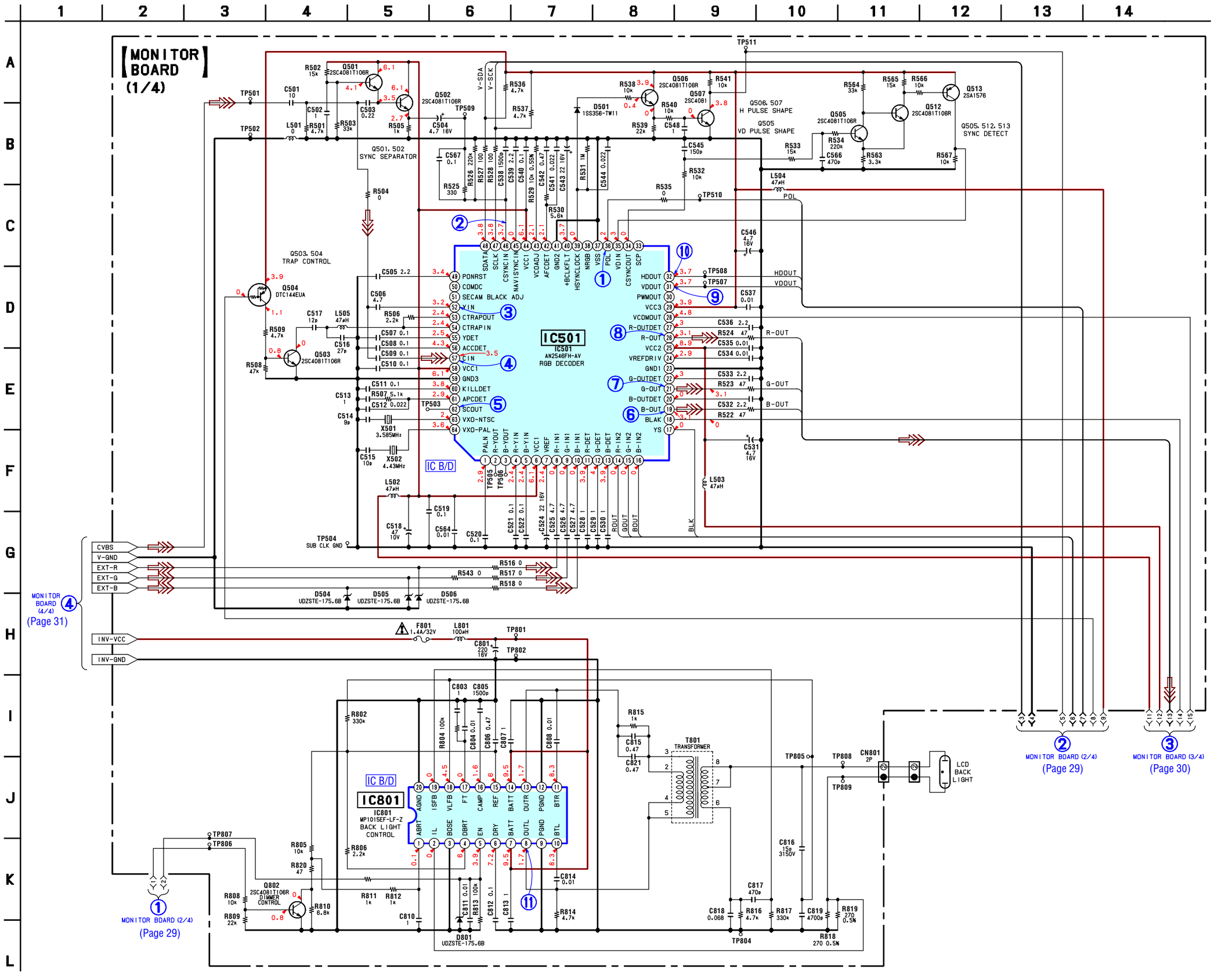
【BATT PLUG BOARD】(SIDE B)



- **Semiconductor Location**

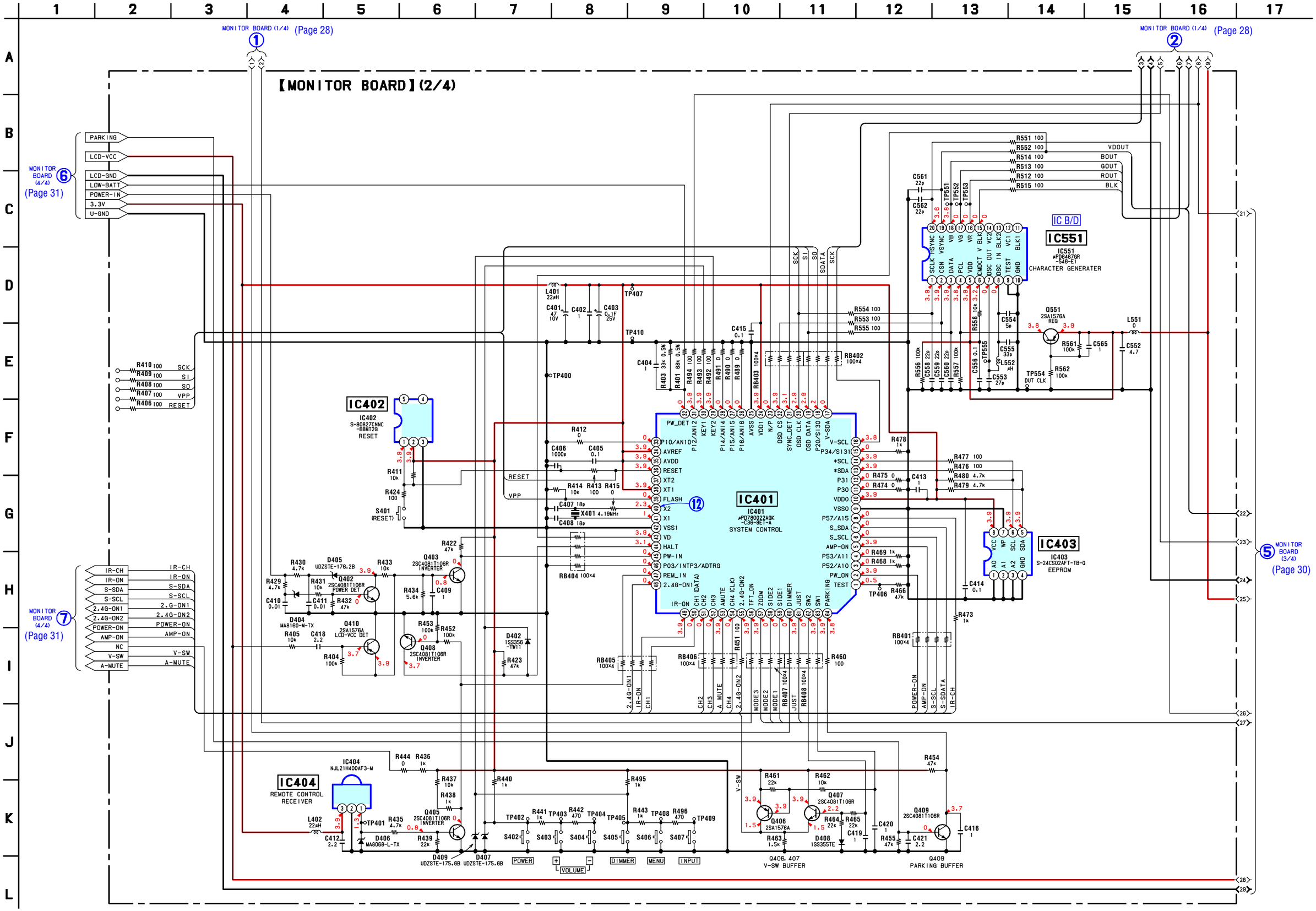
Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D105	B-14	D707	G-12	Q101	C-9	Q358	A-2
D106	C-6	D912	D-6	Q102	C-9	Q359	B-3
D107	C-6	D913	D-6	Q104	C-9	Q405	G-6
D108	C-7			Q105	C-10	Q406	D-5
D202	B-4	IC102	C-8	Q106	D-11	Q407	D-5
D407	H-13	IC251	B-4	Q107	D-11	Q408	E-6
D408	D-5	IC252	C-4	Q108	D-10	Q503	D-9
D409	H-2	IC401	F-5	Q109	D-10	Q504	D-9
D501	E-9	IC402	G-6	Q353	B-3	Q506	E-9
D504	E-6	IC501	E-8	Q354	B-3	Q507	F-9
D505	D-6	IC651	F-11	Q355	B-3	Q551	G-5
D506	E-7	IC701	G-7	Q356	B-2	Q701	G-7
D706	G-12			Q357	B-2		

6-8. SCHEMATIC DIAGRAM — MONITOR SECTION (1/4) — • Refer to page 21 for Waveforms. • Refer to page 32 for IC Block Diagram.



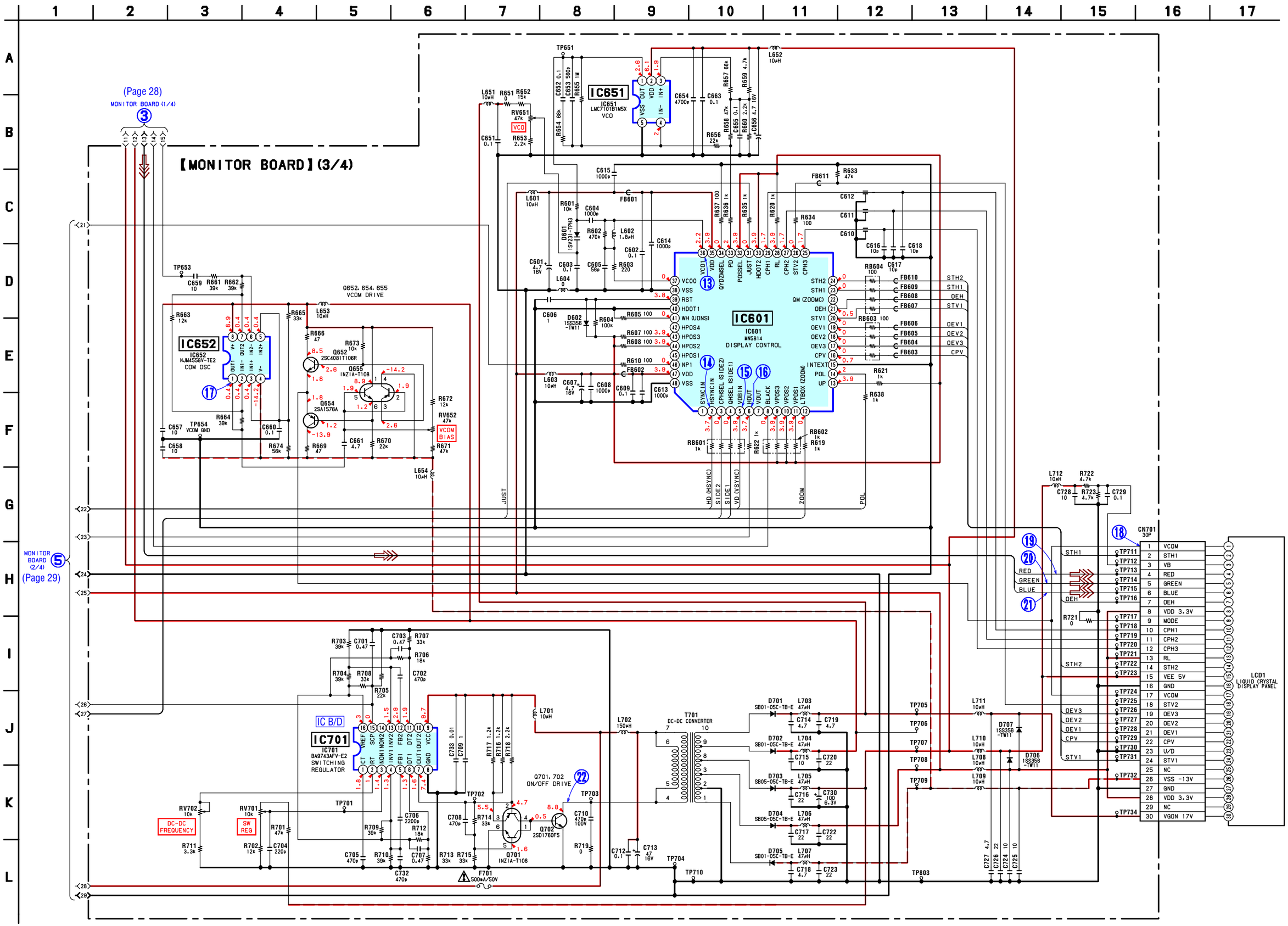
6-9. SCHEMATIC DIAGRAM — MONITOR SECTION (2/4) —

• Refer to page 21 for Waveforms. • Refer to page 32 for IC Block Diagram. • Refer to page 35 for IC Pin Description of IC401.



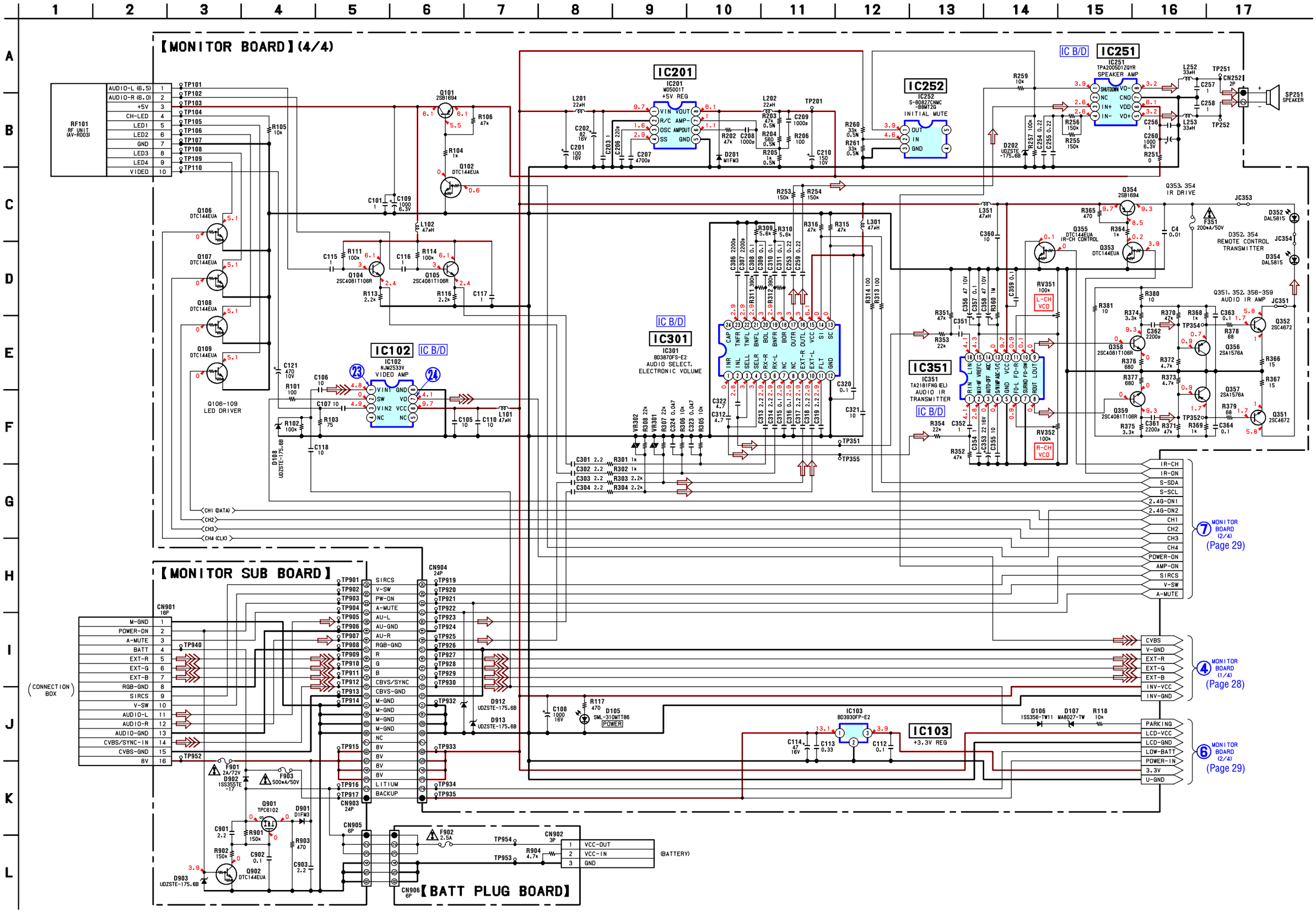
6-10. SCHEMATIC DIAGRAM — MONITOR SECTION (3/4) —

• Refer to page 21 for Waveforms. • Refer to page 33 for IC Block Diagram. • Refer to page 37 for IC Pin Description of IC601.



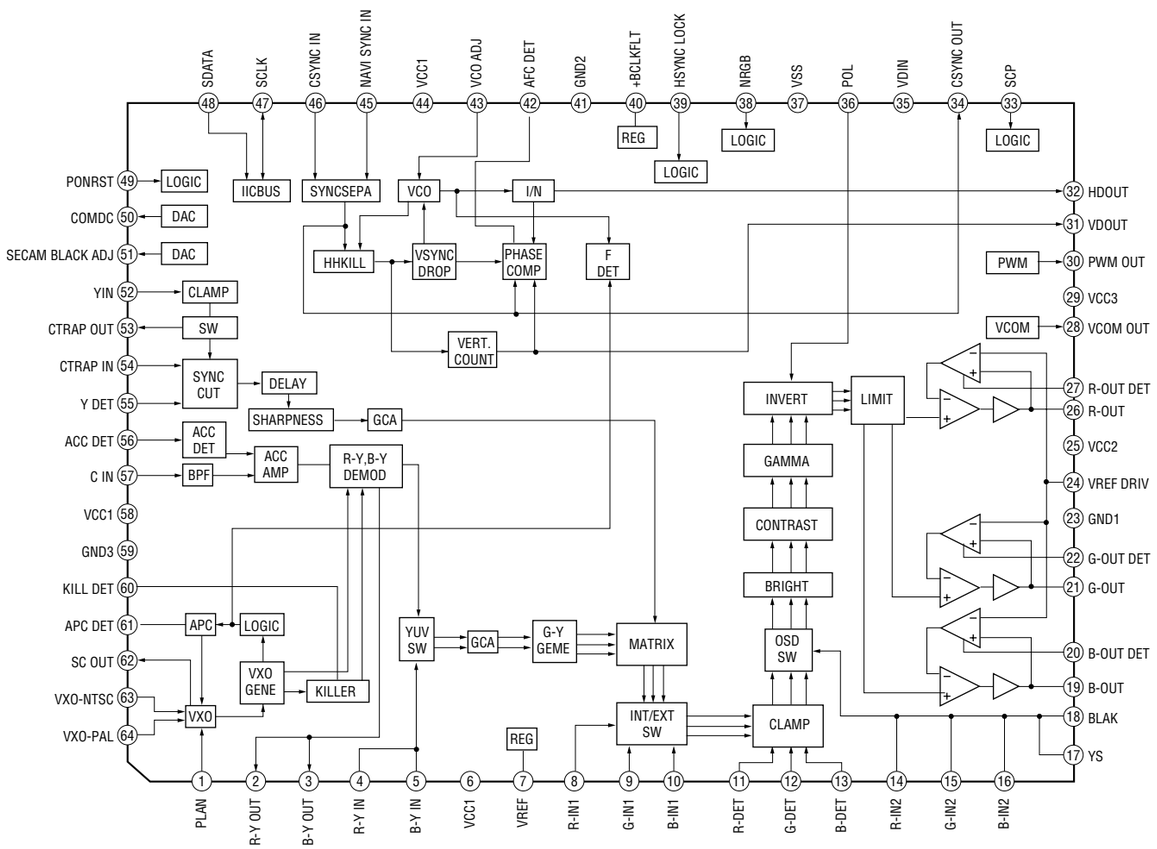
6-11. SCHEMATIC DIAGRAM — MONITOR SECTION (4/4) —

• Refer to page 21 for Waveforms. • Refer to page 32 for IC Block Diagrams.

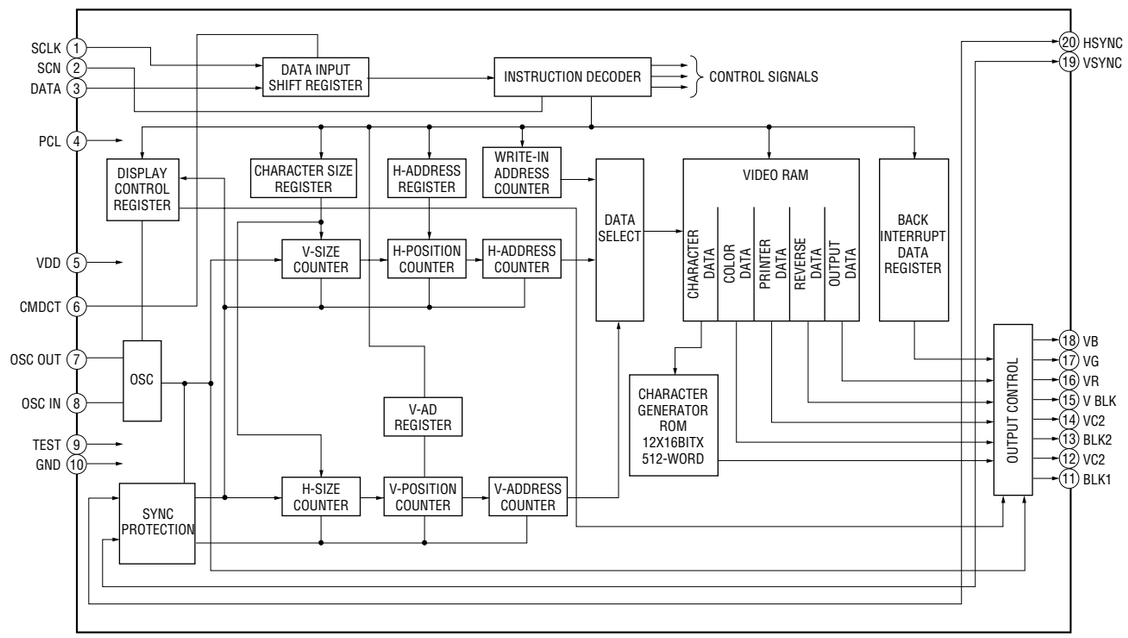


• IC Block Diagrams

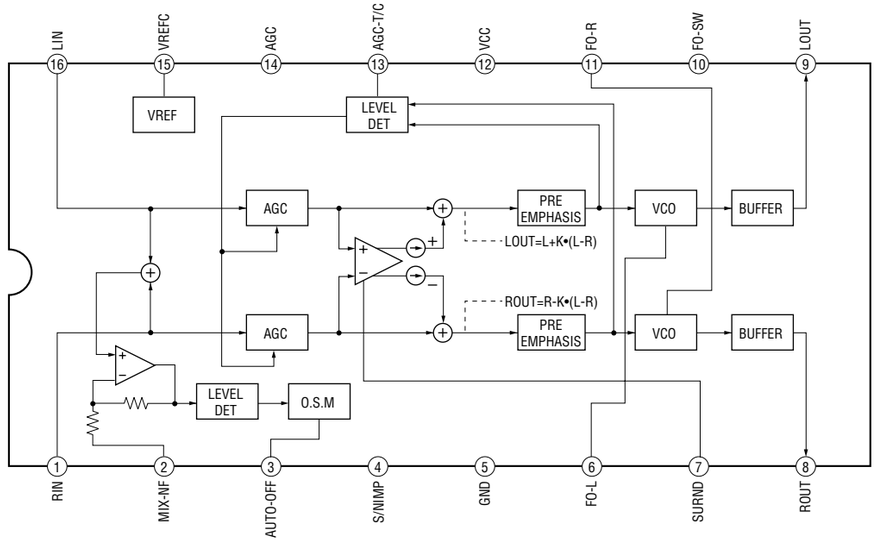
IC501 AN2546FH-AV (MONITOR Board (1/4))



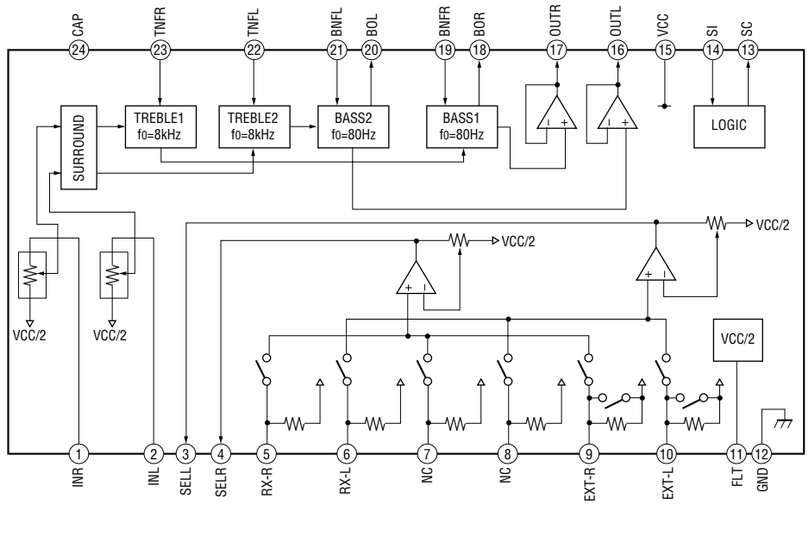
IC551 μPD6467GR-546-E1 (MONITOR Board (2/4))



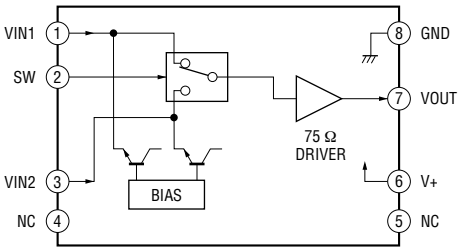
IC351 TA2181FNG(EL) (MONITOR Board (4/4))



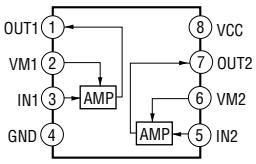
IC301 BD3870FS-E2 (MONITOR Board (4/4))



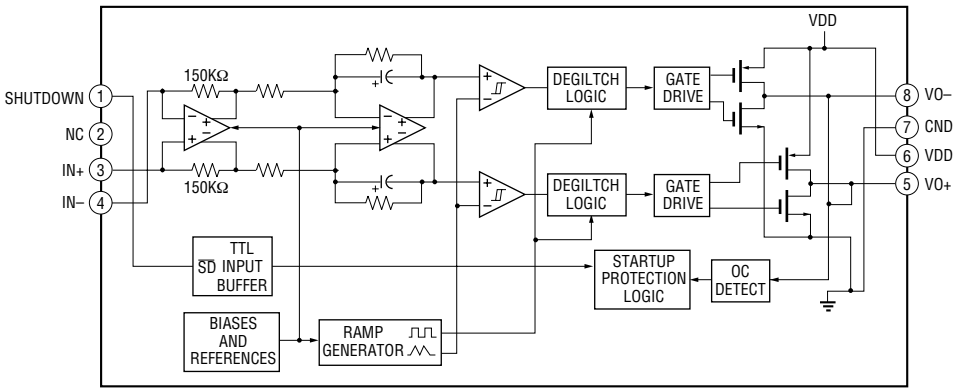
IC102 NJM2533V(TE2) (MONITOR Board (4/4))
IC1131 NJM2533V(TE2) (CON-BOX Board (1/2))
IC1132 NJM2533V(TE2) (CON-BOX Board (1/2))
IC1543 NJM2533V(TE2) (CON-BOX Board (1/2))
IC1544 NJM2533V(TE2) (CON-BOX Board (1/2))



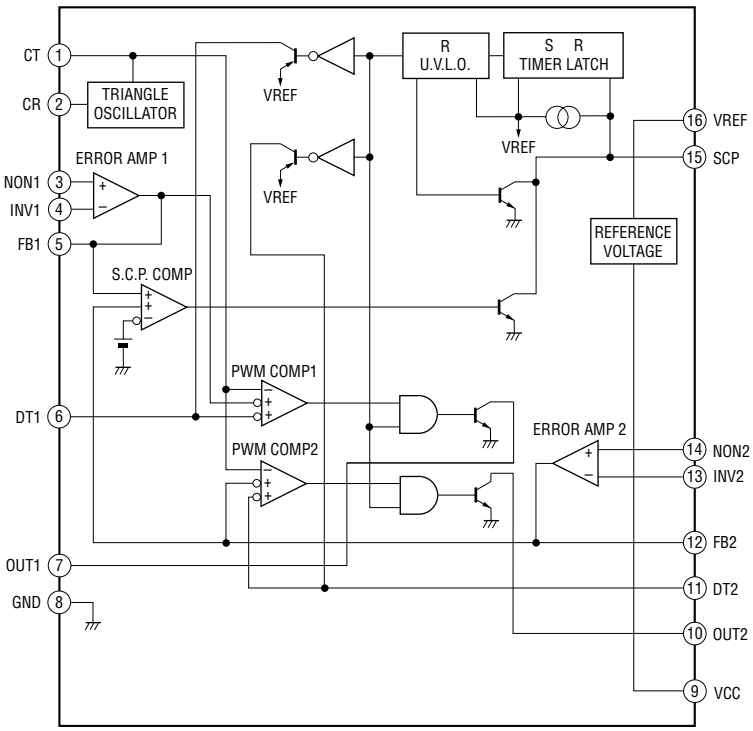
IC1101 BA3121F (CON-BOX Board (1/2))
IC1201 BA3121F (CON-BOX Board (1/2))
IC1541 BA3121F (CON-BOX Board (1/2))



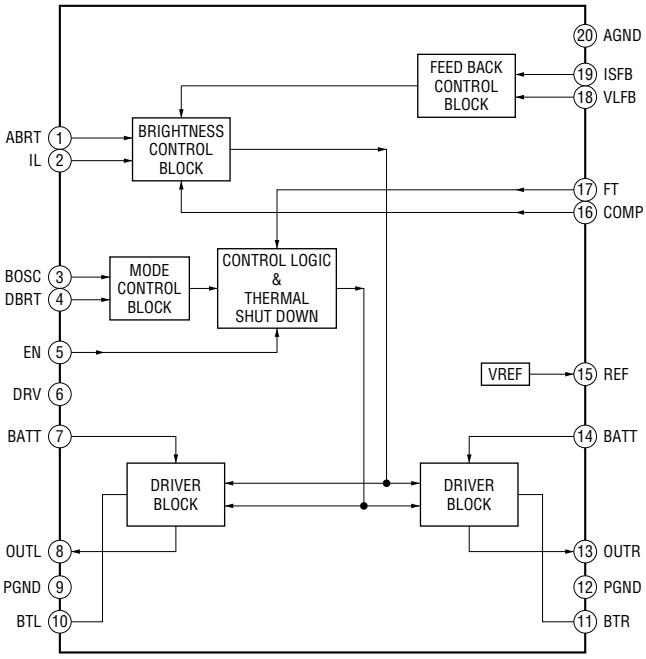
IC251 TPA2005D1ZQYR (MONITOR Board (4/4))



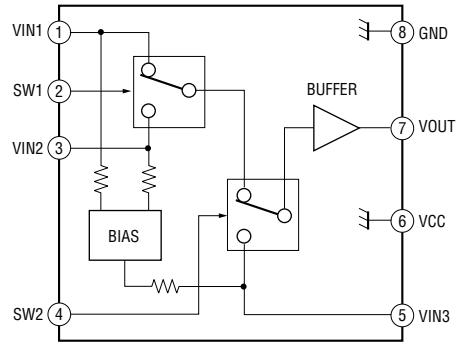
IC701 BA9743AFV-E2 (MONITOR Board (3/4))
IC1801 BA9743AFV-E2 (CON-BOX Board (2/2))



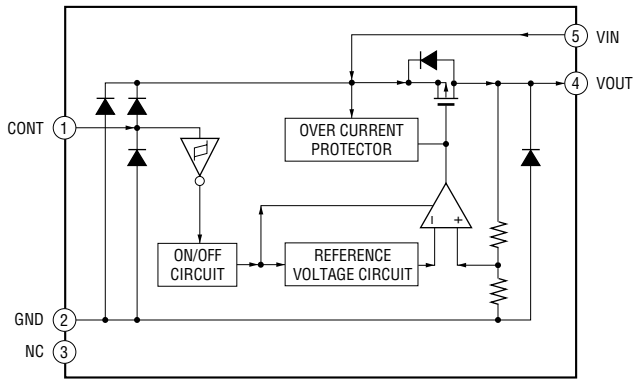
IC801 MP1015EF-LF-Z (MONITOR Board (1/4))



IC1402 NJM2234M (CON-BOX Board (1/2))



IC1871 S-T111B33MC-OGSTFG (CON-BOX Board (2/2))



• IC Pin Description

IC401 μPD780022AGK-C36-9ET-A (SYSTEM CONTROL) (MONITOR BOARD (2/4))

Pin No.	Pin Name	I/O	Pin Description
1	TEST	I	Test mode setting input
2	PW ON	O	Power ON control signal output
3	P52/A10	O	Not used (Pull down)
4	P53/A11	O	Not used (Pull down)
5	AMP-ON	O	Power AMP control signal output
6	S_SCL	O	Electronic volume clock output
7	S_SDA	O	Electronic volume serial date output
8	P57/A15	O	IR channel select signal output
9	VSS0	—	Ground
10	VDD0	—	Power supply pin (+3.3V)
11	P30	I	Not used (Open)
12	P31	I	Not used (Ground)
13	SDA	I/O	EEPROM data input/output
14	SCL	O	EEPROM clock output
15	P34/SI31	O	Not used (Pull down)
16	V-SCL	O	Video I2C clock output
17	V-SDA	O	Video I2C data output
18	P20/SI30	O	Flash ROM writing pin
19	OSD DATA	O	OSD data output
20	OSD CLK	O	OSD clock output
21	SYNC_DET	O	Sync. detect signal input
22	OSD CS	O	OSD chip select output
23	N/P	O	NTSC/PAL select signal output
24	VDD1	—	Power supply pin (+3.3V)
25	AVSS	—	Ground
26	P16/ANI6	I	Not used (Ground)
27	P15/ANI5	I	Not used (Ground)
28	P14/ANI4	I	Not used (Ground)
29	KEY2	I	A/D key signal 1 input
30	KEY1	I	A/D key signal 2 input
31	P12/ANI2	I	LCD current protection signal input
32	PW DET	I	Battery voltage detect signal input
33	P10/ANI0	I	Not used (Ground)
34	AVREF	I	Reference voltage input
35	AVDD	—	Power supply pin (+3.3V)
36	RESET	I	System reset input
37	XT2	—	Not used (Open)
38	XT1	I	Not used (connected to VDD)
39	FLASH	I	Flash ROM writing pin
40	X2	O	Main crystal oscillator (4.19MHz)
41	X1	I	Main crystal oscillator (4.19MHz)
42	VSS1	—	Ground
43	VD	I	Vertical sync. Detect signal input
44	HALT	I	Wake-up signal input
45	PW-IN	I	Power shut-down detect signal input
46	P03/INTP3/ADTRG	I	Not used (Pull down)
47	REM_IN	I	IR remote control signal input
48	2.4G-ON1	O	2.4G receiver ON/OFF signal output

Pin No.	Pin Name	I/O	Pin Description
49	IR-ON	O	IR headphone ON/OFF signal output
50	CH1 (DATA)	O	2.4G receiver channel 1 control signal output
51	CH2	O	2.4G receiver channel 2 control signal output
52	CH3	O	2.4G receiver channel 3 control signal output
53	AMUTE	O	Audio mute signal output
54	CH4 (CLK)	O	2.4G receiver channel 4 control signal output
55	2.4G-ON2	O	2.4G receiver ON/OFF signal output
56	TFT_ON	O	LCD ON/OFF control signal output
57	ZOOM	O	Display size control signal output
58	SIDE2	O	Display size control signal output
59	SIDE1	O	Display size control signal output
60	DIMMER	O	LCD backlight dimmer control signbal output
61	JUST	O	Display size control signal output
62	SW2	O	A/V input 2 select signal output
63	SW1	O	A/V input 1 select signal output
64	PARKING	I	Parking detect signal input

IC601 MN5814 (DISPLAY CONTROL) (MONITOR BOARD (3/4))

Pin No.	Pin Name	I/O	Pin Description
1	SYNCIN	I	Not used (Open)
2	HSYNCIN	I	Horizontal sync signal input from the RGB decoder
3, 4	CPHSEL (SIDE2), QHSEL (SIDE1)	I	Screen size selection signal input from the system controller
5	VDBIN	I	Vertical sync signal input from the RGB decoder
6	HOUT	O	Horizontal sync signal output terminal Not used
7	VOUT	O	Not used (Open)
8	BLACK	O	Black signal output to the RGB decoder
9 to 11	VPOS3 to VPOS1	I	Vertical display position selection signal input terminal
12	LTBOX (ZOOM)	I	Screen size selection signal input from the system controller "H": zoom screen
13	UP	I	Above and below scan direction selection signal input from the system controller "L": all inversion, normally "H"
14	POL	O	Polarity inversion signal of reflection and opposite output to the RGB decoder
15	INTEXT	I	Composite/separate sync selection signal input terminal
16	CPV	O	Gate driver clock signal output to the liquid crystal display module
17 to 19	OEV3 to OEV1	O	Gate driver output enable pulse signal output to the liquid crystal display module
20	STV1	O	Gate driver start pulse signal output to the liquid crystal display module
21	OEH	O	Source driver output enable pulse signal output to the liquid crystal display module
22	QH (ZOOMC)	O	Not used (Open)
23, 24	STH1, STH2	O	Source driver start pulse signal output to the liquid crystal display module
25	CPH3	O	Source driver clock signal output to the liquid crystal display module
26	STV2	O	Gate driver start pulse signal output to the liquid crystal display module
27	CPH2	O	Source driver clock signal output to the liquid crystal display module
28	RL	I	Left and right scan direction selection signal input from the system controller "L": all inversion, normally "H"
29	CPH1	O	Source driver clock signal output to the liquid crystal display module
30	HDOT2	I	Mode selection signal input for number of display pixel
31	JUST	I	Screen size selection signal input from the system controller
32	POSSET	I	Horizontal display position and vertical display position offset selection signal input terminal
33	PD	O	Phase comparation output terminal
34	QYDZMSEL	I	Screen size selection signal input terminal
35	VDD	—	Power supply terminal (+3.3 V)
36	VCO1	I	VCO signal and system clock signal input terminal
37	VCO0	O	System clock signal output terminal
38	VSS	—	Ground terminal
39	RST	I	System reset signal input terminal
40	HDOT1	I	Mode selection signal input for number of display pixel
41	WH (UONS)	I	Screen size selection signal input terminal
42 to 45	HPOS4 to HPOS1	I	Horizontal display position selection signal input terminal
46	NP1	I	NTSC/PAL selection signal input terminal "L": NTSC, "H": PAL
47	VDD	—	Power supply terminal (+3.3 V)
48	VSS	—	Ground terminal

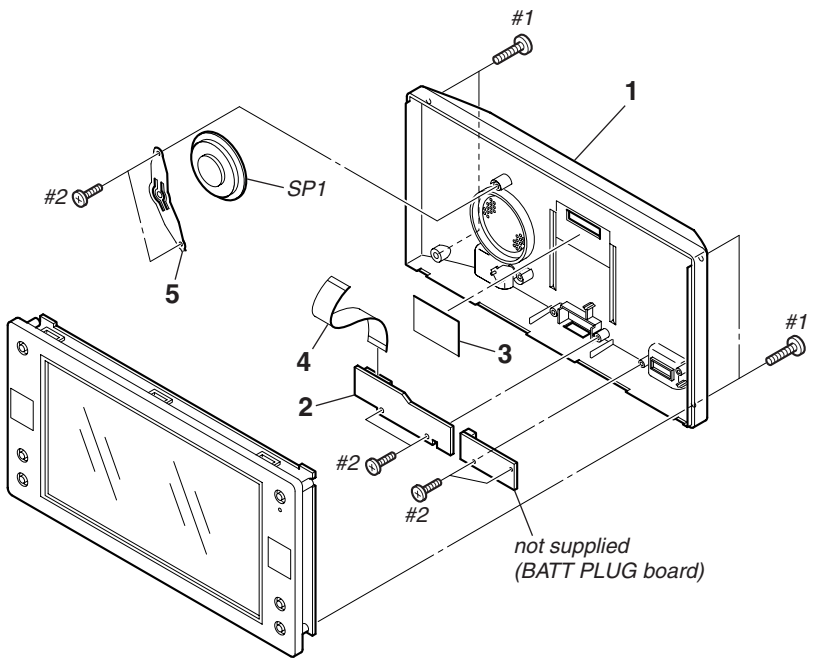
SECTION 7
EXPLODED VIEWS

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) ... (RED)
  ↑ Parts Color ↑ Cabinet's Color
- Accessories are given in the last of this parts list.
- Abbreviation
  CND : Canadian model
  CH : Chinese model

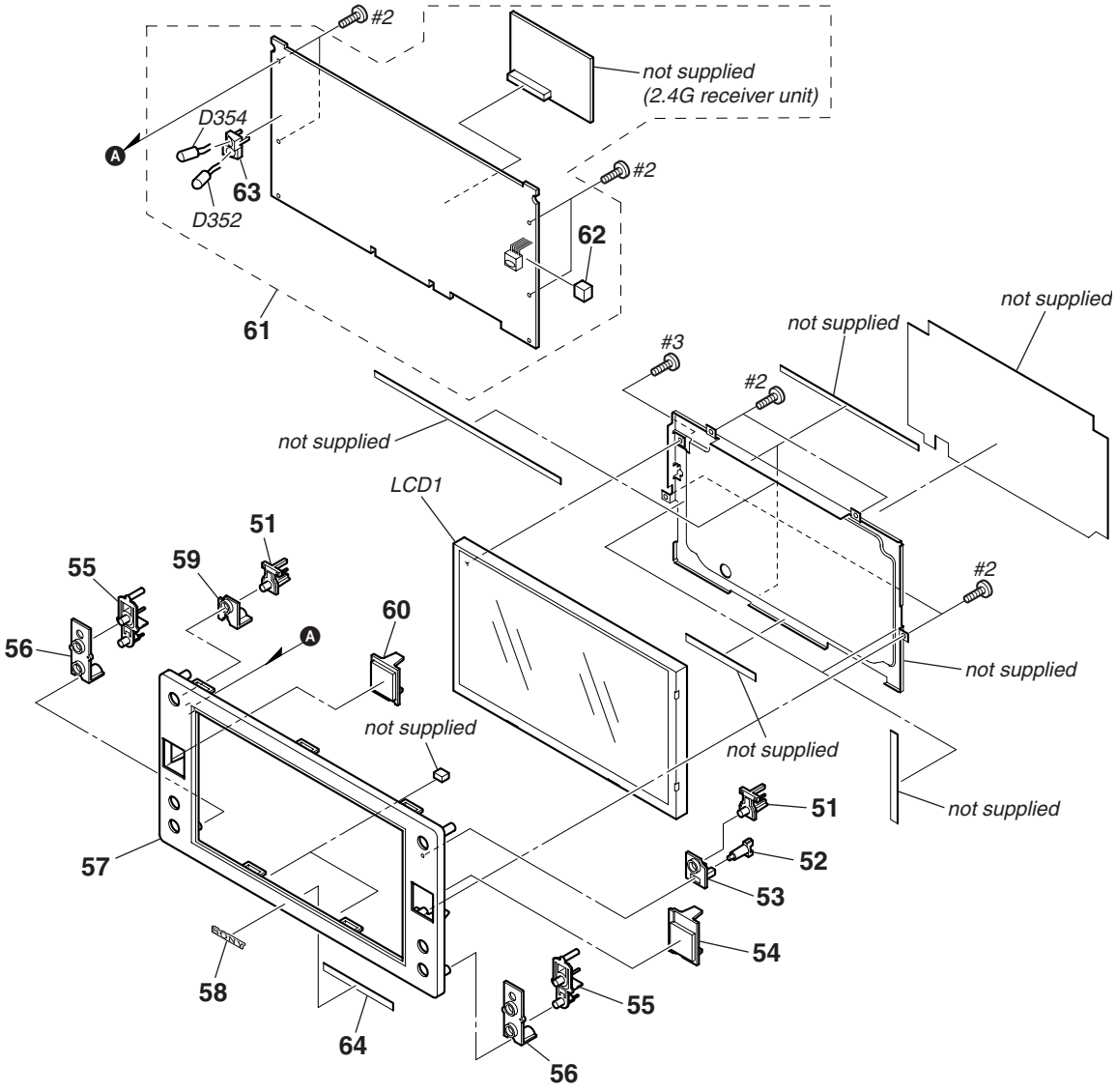
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

7-1. CABINET (REAR) SECTION



Ref. No.	Part No.	Description	Remark
1	X-2059-725-1	CABINET (REAR) ASSY	
2	A-1126-329-A	MONITOR SUB ASSY	
3	2-589-797-01	SHEET (REAR)	
4	1-866-707-11	CABLE, FLEXIBLE FLA T (24P)	
5	2-546-999-01	HOLDER (SP)	
SP1	1-826-105-11	SPEAKER (3.6cm)	
#1	7-685-105-19	SCREW +P 2X8 TYPE2 NON-SLIT	
#2	7-685-504-19	SCREW +BTP 2X6 TYPE2 N-S	

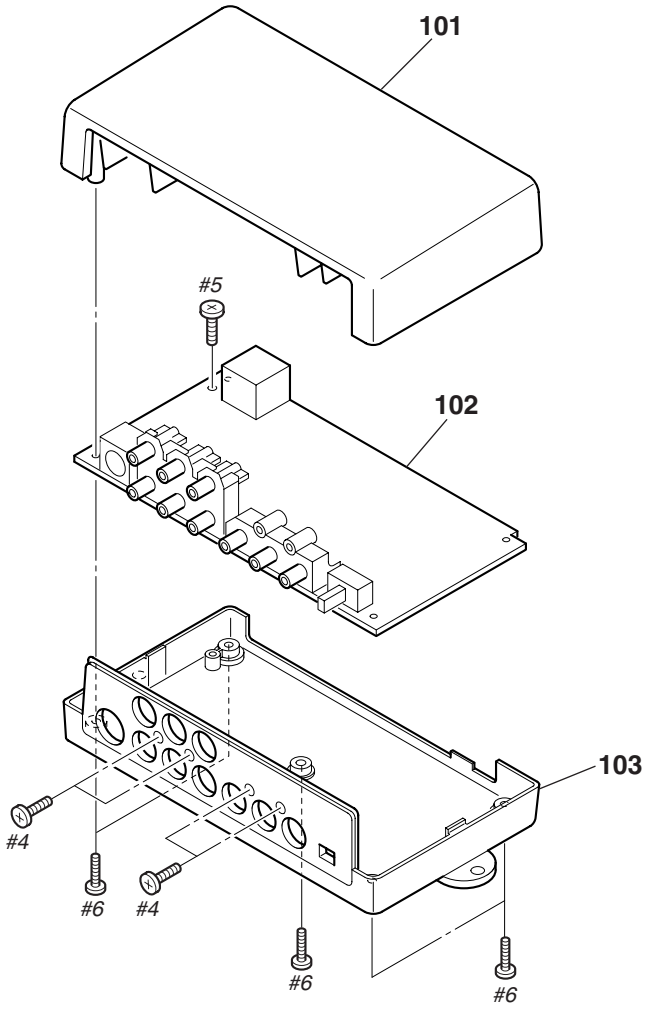
7-2. CABINET (FRONT) SECTION



Ref. No.	Part No.	Description	Remark
51	2-546-987-01	BUTTON (A)	
52	2-546-986-01	LENS (LED)	
53	2-560-410-01	RING (BUTTON) (C)	
54	2-546-990-01	WINDOW (TR)	
55	2-546-988-01	BUTTON (B)	
56	2-549-905-01	RING (BUTTON) (B)	
57	2-546-984-11	CABINET (FRONT)	
58	4-942-636-01	EMBLEM (NO. 3.5), SONY	
59	2-549-904-01	RING (BUTTON) (A)	
60	2-546-989-01	WINDOW (IR)	

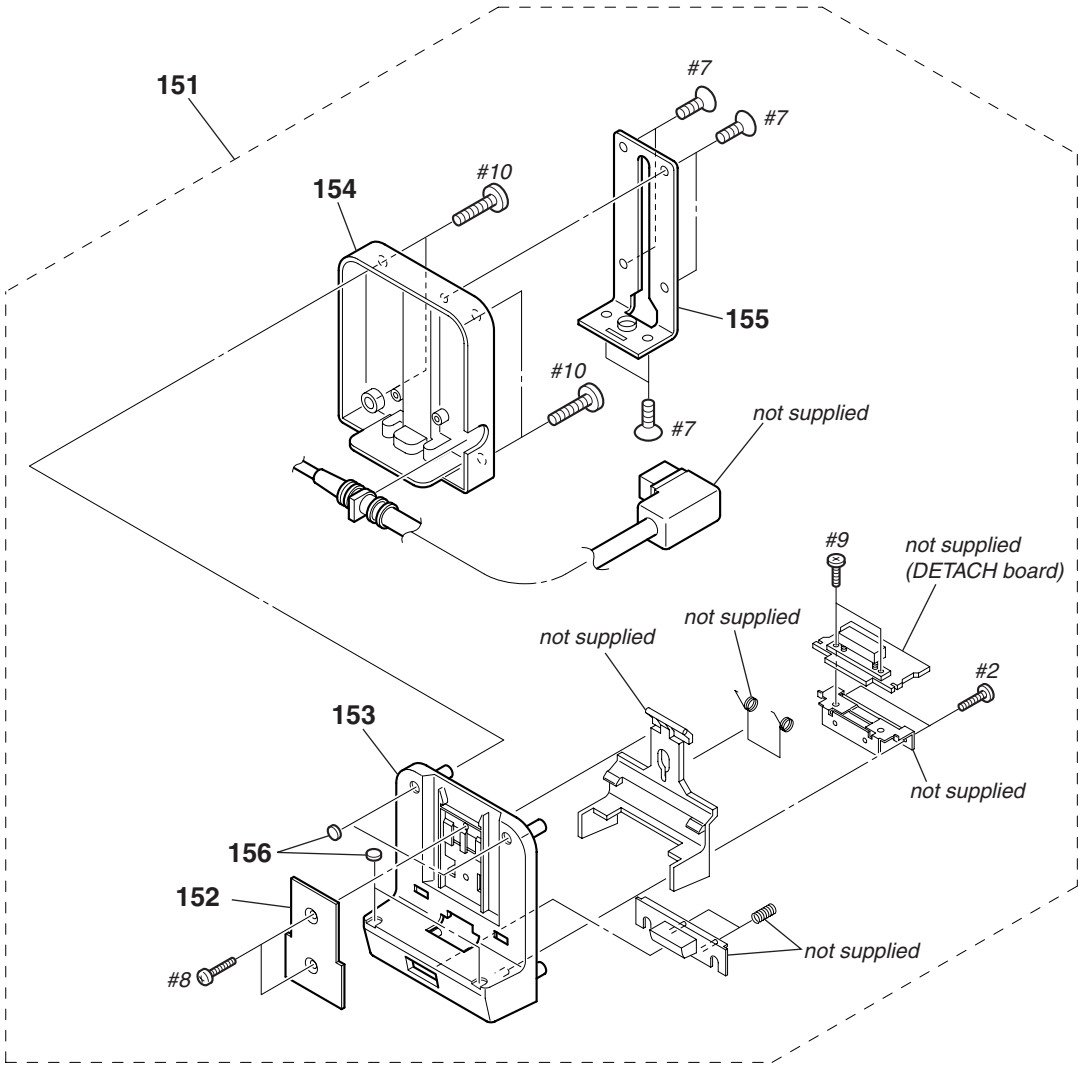
Ref. No.	Part No.	Description	Remark
61	A-1126-326-A	MONITOR BOARD, COMPLETE	
62	3-254-887-01	CUSHION (REMOTE)	
63	2-546-996-01	HOLDER (LED)	
64	2-629-278-01	SHEET (LCD), ADHESIVE	
D352	8-719-992-13	LED DAL5815	
D354	8-719-992-13	LED DAL5815	
LCD1	1-805-620-12	DISPLAY PANEL, LIQUID CRYSTAL	
#2	7-685-504-19	SCREW +BTP 2X6 TYPE2 N-S	
#3	7-627-852-37	SCREW, PRECISION +P 1.7X1.8 TYPE3	

7-3. CONNECTION BOX UNIT
XA-126: AEP, UK model
XA-125: US, Canadian, E, Chinese model



Ref. No.	Part No.	Description	Remark
101	2-547-011-31	CABINET (TOP) (AEP ,UK)	
101	2-547-011-41	CABINET (TOP) (US,CND,E,CH)	
102	A-1126-334-A	CON-BOX BOARD, COMPLETE (AEP ,UK)	
102	A-1126-341-A	CON-BOX BOARD, COMPLETE (US,CND,E,CH)	
103	2-547-012-31	CABINET (LOWER) (AEP ,UK)	
103	2-547-012-41	CABINET (LOWER) (US,CND,E,CH)	
#4	7-685-546-19	SCREW +BTP 3X8 TYPE2 N-S	
#5	7-685-533-19	SCREW +BTP 2.6X6 TYPE2 N-S	
#6	7-685-137-19	SCREW +BTP 2.6X14 TYPE2 N-S	

7-4. CRADLE SECTION



Ref. No.	Part No.	Description	Remark
151	A-1106-127-A	CRADLE ASSY (3m)	
152	2-547-004-01	BRACKET (BASE) (F)	
153	2-547-000-01	CASE (FRONT)	
154	2-547-001-01	CASE (REAR)	
155	3-242-853-01	BRACKET (6.5), STAND	
156	2-630-573-11	CUSHION (LIFT)	

Ref. No.	Part No.	Description	Remark
#2	7-685-504-19	SCREW +BTP 2X6 TYPE2 N-S	
#7	7-685-234-19	SCREW +KTP 2.6X8 TYPE2 NON-SLIT	
#8	7-685-105-19	SCREW +P 2X8 TYPE2 NON-SLIT	
#9	7-621-255-45	SCREW +P 2X6	
#10	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S	

SECTION 8
ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORS
  uF : µF
- COILS
  uH : µH

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety.
Replace only with part number specified.

When indicating parts by reference number, please include the board.

- Abbreviation
  CND : Canadian model
  CH : Chinese model

Ref. No.	Part No.	Description			Remark
		BATT PLUG BOARD			
		**********			
		< CONNECTOR >			
CN902	1-819-291-11	PIN, CONNECTOR 3P			
		< FUSE >			
⚠F902	1-576-868-21	FUSE (2.5A/72V)			
		< RESISTOR >			
R904	1-216-214-00	RES-CHIP	4.7K	5%	1/8W
**********					
	A-1126-334-A	CON-BOX BOARD, COMPLETE (AEP,UK)			
	A-1126-341-A	CON-BOX BOARD, COMPLETE (US,CND,E,CH)			
		**********			
		< CAPACITOR >			
C1101	1-801-863-21	VARISTOR, CHIP (1608)			
C1102	1-801-863-21	VARISTOR, CHIP (1608)			
C1103	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1104	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1105	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1106	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1111	1-128-551-11	ELECT	22uF	20%	63V
C1112	1-126-964-11	ELECT	10uF	20%	50V
C1113	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1114	1-126-964-11	ELECT	10uF	20%	50V
C1131	1-126-934-11	ELECT	220uF	20%	16V
C1132	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1201	1-801-863-21	VARISTOR, CHIP (1608)			
C1202	1-801-863-21	VARISTOR, CHIP (1608)			
C1203	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1204	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1205	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1206	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1211	1-128-551-11	ELECT	22uF	20%	63V
C1212	1-126-964-11	ELECT	10uF	20%	50V
C1213	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1214	1-126-964-11	ELECT	10uF	20%	50V
C1301	1-126-964-11	ELECT	10uF	20%	50V
C1302	1-126-964-11	ELECT	10uF	20%	50V
C1303	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C1304	1-164-230-11	CERAMIC CHIP	220PF	5%	50V

Ref. No.	Part No.	Description			Remark
C1305	1-126-964-11	ELECT	10uF	20%	50V
C1306	1-126-964-11	ELECT	10uF	20%	50V
C1351	1-126-934-11	ELECT	220uF	20%	16V
C1352	1-100-743-91	CERAMIC CHIP	2.2uF	20%	16V
C1353	1-126-960-11	ELECT	1uF	20%	50V
C1401	1-126-964-11	ELECT	10uF	20%	50V
C1402	1-126-964-11	ELECT	10uF	20%	50V
C1403	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (US,CND,E,CH)
C1404	1-126-934-11	ELECT	220uF	20%	16V
C1405	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1406	1-126-935-11	ELECT	470uF	20%	16V
C1407	1-126-964-11	ELECT	10uF	20%	50V
C1408	1-126-964-11	ELECT	10uF	20%	50V
C1409	1-126-964-11	ELECT	10uF	20%	50V (AEP,UK)
C1410	1-126-934-11	ELECT	220uF	20%	16V
C1411	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1412	1-107-701-11	ELECT	47uF	20%	25V
C1414	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V (US,CND,E,CH)
C1415	1-126-964-11	ELECT	10uF	20%	50V (AEP,UK)
C1421	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C1501	1-126-964-11	ELECT	10uF	20%	50V (AEP,UK)
C1502	1-126-964-11	ELECT	10uF	20%	50V (AEP,UK)
C1505	1-126-934-11	ELECT	220uF	20%	16V (AEP,UK)
C1506	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (AEP,UK)
C1511	1-126-964-11	ELECT	10uF	20%	50V (AEP,UK)
C1512	1-126-964-11	ELECT	10uF	20%	50V (AEP,UK)
C1521	1-126-964-11	ELECT	10uF	20%	50V (AEP,UK)
C1522	1-126-964-11	ELECT	10uF	20%	50V (AEP,UK)
C1541	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V (AEP,UK)
C1542	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V (AEP,UK)
C1543	1-128-551-11	ELECT	22uF	20%	63V (AEP,UK)

Ref. No.	Part No.	Description			Remark
C1544	1-126-964-11	ELECT	10uF	20%	50V (AEP,UK)
C1545	1-126-964-11	ELECT	10uF	20%	50V (AEP,UK)
C1546	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (AEP,UK)
C1547	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V (AEP,UK)
C1551	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V (AEP,UK)
C1552	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V (AEP,UK)
C1553	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V (AEP,UK)
C1554	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V (AEP,UK)
C1555	1-100-743-91	CERAMIC CHIP	2.2uF	20%	16V
C1556	1-100-743-91	CERAMIC CHIP	2.2uF	20%	16V
C1801	1-128-953-31	ELECT	470uF	20%	25V
C1802	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C1804	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1805	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1807	1-128-953-31	ELECT	470uF	20%	25V
C1808	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1811	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1812	1-126-935-11	ELECT	470uF	20%	16V
C1821	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1823	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1824	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1825	1-117-863-11	CERAMIC CHIP	0.47uF	10%	6.3V
C1826	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C1827	1-126-964-11	ELECT	10uF	20%	50V
C1828	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1831	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C1841	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C1851	1-126-942-61	ELECT	1000uF	20%	25V
C1852	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1853	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1871	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C1872	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C1873	1-117-863-11	CERAMIC CHIP	0.47uF	10%	6.3V
C1893	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1894	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C1901	1-128-953-31	ELECT	470uF	20%	25V
C1902	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C1904	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1905	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1907	1-128-953-31	ELECT	470uF	20%	25V
C1908	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1911	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1912	1-126-935-11	ELECT	470uF	20%	16V
C1921	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C1923	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1924	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C1925	1-117-863-11	CERAMIC CHIP	0.47uF	10%	6.3V
C1926	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V

Ref. No.	Part No.	Description	Remark
		< CONNECTOR >	
* CN1851	1-691-785-11	PIN, CONNECTOR (PC BOARD) 4P	(POWER DC 12V)
CN1861	1-819-267-11	CONNECTOR 21P (MONITOR (XVM))	
		< DIODE >	
D1101	8-719-069-55	DIODE UDZSTE-175.6B	
D1103	8-719-069-55	DIODE UDZSTE-175.6B	
D1104	8-719-069-55	DIODE UDZSTE-175.6B	
D1105	8-719-069-55	DIODE UDZSTE-175.6B	
D1106	8-719-069-55	DIODE UDZSTE-175.6B	
D1201	8-719-069-55	DIODE UDZSTE-175.6B	
D1351	8-719-988-61	DIODE 1SS355TE-17	
D1352	8-719-069-55	DIODE UDZSTE-175.6B	
D1401	8-719-069-55	DIODE UDZSTE-175.6B	
D1402	8-719-069-55	DIODE UDZSTE-175.6B	
D1403	8-719-069-55	DIODE UDZSTE-175.6B	
D1404	8-719-069-55	DIODE UDZSTE-175.6B	
D1411	8-719-069-55	DIODE UDZSTE-175.6B	
D1412	8-719-069-55	DIODE UDZSTE-175.6B	
D1413	8-719-069-55	DIODE UDZSTE-175.6B	
D1414	8-719-069-55	DIODE UDZSTE-175.6B	
D1421	8-719-069-55	DIODE UDZSTE-175.6B	
D1501	8-719-069-55	DIODE UDZSTE-175.6B (AEP,UK)	
D1502	8-719-069-55	DIODE UDZSTE-175.6B (AEP,UK)	
D1503	8-719-069-55	DIODE UDZSTE-175.6B (AEP,UK)	
D1504	8-719-069-55	DIODE UDZSTE-175.6B (AEP,UK)	
D1505	8-719-069-55	DIODE UDZSTE-175.6B (AEP,UK)	
D1506	8-719-069-55	DIODE UDZSTE-175.6B (AEP,UK)	
D1507	8-719-069-55	DIODE UDZSTE-175.6B (AEP,UK)	
D1508	8-719-069-55	DIODE UDZSTE-175.6B (AEP,UK)	
D1509	8-719-069-55	DIODE UDZSTE-175.6B (AEP,UK)	
D1543	8-719-069-55	DIODE UDZSTE-175.6B (AEP,UK)	
D1801	6-500-754-01	DIODE D1FM3	
D1821	8-719-988-61	DIODE 1SS355TE-17	
D1822	8-719-988-61	DIODE 1SS355TE-17	
D1823	8-719-058-24	DIODE RB501V-40TE-17	
D1851	8-719-049-38	DIODE 1N5404TU	
D1861	8-719-069-55	DIODE UDZSTE-175.6B	
D1871	8-719-422-43	DIODE MA8051-H	
D1901	6-500-754-01	DIODE D1FM3	
D1921	8-719-988-61	DIODE 1SS355TE-17	
D1922	8-719-988-61	DIODE 1SS355TE-17	
D1923	8-719-058-24	DIODE RB501V-40TE-17	
D1951	8-719-988-61	DIODE 1SS355TE-17	
D1952	8-719-988-61	DIODE 1SS355TE-17	
		< FUSE >	
⚠ F1801	1-576-488-21	FUSE (3.15A/72V)	
F1901	1-216-296-11	SHORT CHIP 0	
		< FERRITE BEAD >	
FB1801	1-469-568-21	INDUCTOR, FERRITE BEAD	
FB1802	1-469-573-11	INDUCTOR, FERRITE (4516)	
FB1901	1-469-568-21	INDUCTOR, FERRITE BEAD	
FB1902	1-469-573-11	INDUCTOR, FERRITE (4516)	

CON-BOX

Ref. No.	Part No.	Description	Remark
		< IC >	
IC1101	8-759-048-67	IC BA3121F	
IC1131	8-759-576-28	IC NJM2533V(TE2)	
IC1132	8-759-576-28	IC NJM2533V(TE2)	
IC1201	8-759-048-67	IC BA3121F	
IC1401	8-759-710-62	IC NJM2246M	
IC1402	8-759-710-07	IC NJM2234M	
IC1421	6-703-695-01	IC S-80827CNMC-B8MT2G (AEP,UK)	
IC1541	8-759-048-67	IC BA3121F (AEP,UK)	
IC1543	8-759-576-28	IC NJM2533V(TE2) (AEP,UK)	
IC1544	8-759-576-28	IC NJM2533V(TE2) (AEP,UK)	
IC1801	8-759-485-77	IC BA9743AFV-E2	
IC1841	6-703-695-01	IC S-80827CNMC-B8MT2G	
IC1871	6-705-312-01	IC S-T111B33MC-OGSTFG	
IC1941	6-703-695-01	IC S-80827CNMC-B8MT2G	
IC1951	6-703-695-01	IC S-80827CNMC-B8MT2G	
		< CONNECTOR >	
J1501	1-778-826-11	CONNECTOR, MINIATURE DIN 8P (RGB)	(AEP,UK)
		< JACK >	
J1901	1-764-046-11	JACK, EXTERNAL DC OUT (DC OUT 9V)	
JK1101	1-817-839-11	JACK, PIN 6P (INPUT)	
JK1401	1-764-592-11	JACK, PIN 3P (OUTPUT)	
		< COIL >	
L1101	1-412-963-11	INDUCTOR 100uH	
L1131	1-412-963-11	INDUCTOR 100uH	
L1201	1-412-963-11	INDUCTOR 100uH	
L1401	1-412-963-11	INDUCTOR 100uH	
L1402	1-412-963-11	INDUCTOR 100uH	
L1501	1-412-963-11	INDUCTOR 100uH (AEP,UK)	
L1541	1-412-963-11	INDUCTOR 100uH (AEP,UK)	
L1801	1-400-707-21	INDUCTOR 22uH	
L1802	1-400-707-21	INDUCTOR 22uH	
L1803	1-400-707-21	INDUCTOR 22uH	
L1851	1-456-812-11	INDUCTOR 2.2nH	
L1901	1-400-707-21	INDUCTOR 22uH	
L1902	1-400-707-21	INDUCTOR 22uH	
L1903	1-400-707-21	INDUCTOR 22uH	
		< TRANSISTOR >	
Q1301	8-729-047-12	TRANSISTOR DTC314TU-T106	
Q1302	8-729-047-12	TRANSISTOR DTC314TU-T106	
Q1351	8-729-905-35	TRANSISTOR 2SC4081-R	
Q1352	8-729-905-35	TRANSISTOR 2SC4081-R	
Q1353	8-729-026-52	TRANSISTOR 2SA1576A-T106-R	
Q1401	8-729-026-52	TRANSISTOR 2SA1576A-T106-R	
Q1421	8-729-905-35	TRANSISTOR 2SC4081-R	
Q1422	8-729-905-35	TRANSISTOR 2SC4081-R (AEP,UK)	
Q1423	8-729-905-35	TRANSISTOR 2SC4081-R (AEP,UK)	
Q1433	8-729-028-91	TRANSISTOR DTA144EUA-T106	
Q1434	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q1501	8-729-905-35	TRANSISTOR 2SC4081-R (AEP,UK)	
Q1511	8-729-905-35	TRANSISTOR 2SC4081-R (AEP,UK)	
Q1521	8-729-905-35	TRANSISTOR 2SC4081-R (AEP,UK)	
Q1801	8-729-905-35	TRANSISTOR 2SC4081-R	
Q1802	8-729-026-52	TRANSISTOR 2SA1576A-T106-R	
Q1803	6-550-369-01	FET TPC8109(TE12L)	
Q1821	8-729-026-52	TRANSISTOR 2SA1576A-T106-R	
Q1822	8-729-905-35	TRANSISTOR 2SC4081-R	
Q1824	6-550-610-01	TRANSISTOR 2SB1694	
Q1825	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q1871	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
Q1872	8-729-028-91	TRANSISTOR DTA144EUA-T106	
Q1873	8-729-029-14	TRANSISTOR DTC144EUA-T106	
Q1901	8-729-905-35	TRANSISTOR 2SC4081-R	
Q1902	8-729-026-52	TRANSISTOR 2SA1576A-T106-R	
Q1903	6-550-369-01	FET TPC8109(TE12L)	
Q1921	8-729-026-52	TRANSISTOR 2SA1576A-T106-R	
Q1951	8-729-905-35	TRANSISTOR 2SC4081-R	
		< RESISTOR >	
R1101	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R1102	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R1103	1-216-841-11	METAL CHIP 47K 5%	1/10W
R1104	1-216-841-11	METAL CHIP 47K 5%	1/10W
R1129	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R1130	1-216-864-11	SHORT CHIP 0	
R1131	1-216-864-11	SHORT CHIP 0	
R1201	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R1202	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R1203	1-216-841-11	METAL CHIP 47K 5%	1/10W
R1204	1-216-841-11	METAL CHIP 47K 5%	1/10W
R1229	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R1301	1-216-813-11	METAL CHIP 220 5%	1/10W
R1302	1-216-813-11	METAL CHIP 220 5%	1/10W
R1303	1-216-864-11	SHORT CHIP 0	
R1304	1-216-864-11	SHORT CHIP 0	
R1305	1-216-841-11	METAL CHIP 47K 5%	1/10W
R1306	1-216-841-11	METAL CHIP 47K 5%	1/10W
R1307	1-216-864-11	SHORT CHIP 0	
R1308	1-216-864-11	SHORT CHIP 0	
R1351	1-216-827-11	METAL CHIP 3.3K 5%	1/10W
R1352	1-216-837-11	METAL CHIP 22K 5%	1/10W
R1353	1-216-837-11	METAL CHIP 22K 5%	1/10W
R1354	1-216-833-11	METAL CHIP 10K 5%	1/10W
R1355	1-216-835-11	METAL CHIP 15K 5%	1/10W
R1356	1-216-835-11	METAL CHIP 15K 5%	1/10W
R1357	1-216-296-11	SHORT CHIP 0	
R1401	1-218-285-11	METAL CHIP 75 5%	1/10W
R1402	1-218-285-11	METAL CHIP 75 5%	1/10W
R1403	1-216-857-11	METAL CHIP 1M 5%	1/10W
R1404	1-216-857-11	METAL CHIP 1M 5%	1/10W
R1405	1-216-812-11	METAL CHIP 180 5%	1/10W
R1406	1-218-285-11	METAL CHIP 75 5%	1/10W
R1409	1-216-829-11	METAL CHIP 4.7K 5%	1/10W (AEP,UK)
R1410	1-216-841-11	METAL CHIP 47K 5%	1/10W
R1413	1-216-804-11	METAL CHIP 39 5%	1/10W
R1415	1-216-857-11	METAL CHIP 1M 5%	1/10W
R1421	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R1422	1-218-867-11	METAL CHIP 6.8K 0.5%	1/10W
R1423	1-216-829-11	METAL CHIP 4.7K 5%	1/10W (AEP,UK)

Ref. No.	Part No.	Description			Remark
R1424	1-216-864-11	SHORT CHIP	0 (AEP,UK)		
R1425	1-218-873-11	METAL CHIP	12K	0.5%	1/10W (AEP,UK)
R1426	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W (AEP,UK)
R1427	1-216-845-11	METAL CHIP	100K	5%	1/10W (AEP,UK)
R1433	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1434	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1435	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1436	1-216-864-11	SHORT CHIP	0		
R1437	1-216-864-11	SHORT CHIP	0		
R1503	1-216-864-11	SHORT CHIP	0 (AEP,UK)		
R1504	1-216-809-11	METAL CHIP	100	5%	1/10W (AEP,UK)
R1505	1-216-833-11	METAL CHIP	10K	5%	1/10W (AEP,UK)
R1506	1-216-836-11	METAL CHIP	18K	5%	1/10W (AEP,UK)
R1507	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (AEP,UK)
R1513	1-216-864-11	SHORT CHIP	0 (AEP,UK)		
R1514	1-216-809-11	METAL CHIP	100	5%	1/10W (AEP,UK)
R1515	1-216-833-11	METAL CHIP	10K	5%	1/10W (AEP,UK)
R1516	1-216-836-11	METAL CHIP	18K	5%	1/10W (AEP,UK)
R1517	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (AEP,UK)
R1523	1-216-864-11	SHORT CHIP	0 (AEP,UK)		
R1524	1-216-809-11	METAL CHIP	100	5%	1/10W (AEP,UK)
R1525	1-216-833-11	METAL CHIP	10K	5%	1/10W (AEP,UK)
R1526	1-216-836-11	METAL CHIP	18K	5%	1/10W (AEP,UK)
R1527	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (AEP,UK)
R1541	1-216-864-11	SHORT CHIP	0 (US,CND,E,CH)		
R1542	1-216-864-11	SHORT CHIP	0 (US,CND,E,CH)		
R1543	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (AEP,UK)
R1544	1-216-841-11	METAL CHIP	47K	5%	1/10W (AEP,UK)
R1545	1-216-825-11	METAL CHIP	2.2K	5%	1/10W (AEP,UK)
R1801	1-216-813-11	METAL CHIP	220	5%	1/10W
R1802	1-216-813-11	METAL CHIP	220	5%	1/10W
R1803	1-220-277-11	METAL CHIP	2.2K	5%	1/4W
R1804	1-216-797-11	METAL CHIP	10	5%	1/10W
R1806	1-218-893-11	METAL CHIP	82K	0.5%	1/10W
R1808	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R1809	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1821	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1822	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1823	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1824	1-216-836-11	METAL CHIP	18K	5%	1/10W
R1825	1-216-838-11	METAL CHIP	27K	5%	1/10W
R1827	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1828	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1831	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1832	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1835	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1836	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1841	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1842	1-216-864-11	SHORT CHIP	0		
R1843	1-218-887-11	METAL CHIP	47K	0.5%	1/10W
R1871	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1872	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1873	1-216-049-11	RES-CHIP	1K	5%	1/10W
R1901	1-216-813-11	METAL CHIP	220	5%	1/10W
R1902	1-216-813-11	METAL CHIP	220	5%	1/10W
R1903	1-220-277-11	METAL CHIP	2.2K	5%	1/4W
R1904	1-216-797-11	METAL CHIP	10	5%	1/10W
R1906	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R1907	1-218-893-11	METAL CHIP	82K	0.5%	1/10W
R1908	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R1909	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1921	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1922	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1923	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1924	1-216-836-11	METAL CHIP	18K	5%	1/10W
R1925	1-216-836-11	METAL CHIP	18K	5%	1/10W
R1927	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1928	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1931	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1933	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1934	1-216-864-11	SHORT CHIP	0		
R1935	1-216-864-11	SHORT CHIP	0		
R1941	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1942	1-216-864-11	SHORT CHIP	0		
R1943	1-218-879-11	METAL CHIP	22K	0.5%	1/10W
R1951	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1952	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1953	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1954	1-216-841-11	METAL CHIP	47K	5%	1/10W
R1955	1-218-889-11	METAL CHIP	56K	0.5%	1/10W
R1956	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
R1957	1-218-875-11	METAL CHIP	15K	0.5%	1/10W
		< SWITCH >			
S1431	1-786-028-11	SWITCH, SLIDE (LOCATION REAR/FRONT)			
		< THERMISTOR (POSITIVE) >			
TH1841	1-804-471-21	THERMISTOR, POSITIVE			
TH1861	1-805-868-11	THERMISTOR, POSITIVE			
TH1941	1-804-471-21	THERMISTOR, POSITIVE			
		< VARISTOR >			
VDR851	1-801-866-11	VARISTOR ERZV14D220			
**********					
	A-1126-326-A	MONITOR BOARD, COMPLETE			
		**********			
	2-546-996-01	HOLDER (LED)			
	3-254-887-01	CUSHION (REMOTE)			

MONITOR

Ref. No.	Part No.	Description			Remark
		< CAPACITOR >			
C4	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C101	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C105	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C106	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C107	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C108	1-107-884-11	ELECT	1000uF	20%	16V
C109	1-126-168-11	ELECT	1000uF	20%	6.3V
C110	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C112	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C113	1-128-934-91	CERAMIC CHIP	0.33uF	20%	10V
C114	1-128-704-11	ELECT	47uF		16V
C115	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C116	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C117	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C118	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C121	1-104-652-11	ELECT	470uF	20%	10V
C201	1-135-366-11	ELECT CHIP	100uF	20%	16V
C202	1-165-679-21	ELECT CHIP	82uF	20%	16V
C203	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C206	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C207	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C208	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C209	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C210	1-165-675-21	ELECT CHIP	150uF	20%	10V
C253	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C254	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C255	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C256	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C257	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C258	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C259	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C260	1-126-168-11	ELECT	1000uF	20%	6.3V
C301	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C302	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C303	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C304	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C306	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C307	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C308	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C309	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C310	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C311	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C312	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C313	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C314	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C315	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C316	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C317	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C318	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C319	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C320	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C321	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C322	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C323	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C324	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C351	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C352	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C353	1-119-751-11	TANTAL. CHIP	22uF	20%	16V
C354	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C355	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C356	1-135-908-21	TANTAL. CHIP	47uF	20%	10V
C357	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C358	1-135-908-21	TANTAL. CHIP	47uF	20%	10V
C359	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C360	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C361	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C362	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C363	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C364	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C401	1-135-908-21	TANTAL. CHIP	47uF	20%	10V
C402	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C403	1-117-579-21	DOUBLE LAYERS	0.1F		3.5V
C404	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C405	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C406	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C407	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C408	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C409	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C410	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C411	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C412	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C413	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C414	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C415	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C416	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C418	1-125-889-91	CERAMIC CHIP	2.2uF	10%	10V
C419	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C420	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C421	1-165-884-91	CERAMIC CHIP	2.2uF	10%	6.3V
C501	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C502	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C503	1-127-715-91	CERAMIC CHIP	0.22uF	10%	16V
C504	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C505	1-125-889-91	CERAMIC CHIP	2.2uF	10%	10V
C506	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C507	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C508	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C509	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C510	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C511	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C512	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C513	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C514	1-162-914-11	CERAMIC CHIP	9PF	0.5PF	50V
C515	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C516	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C517	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C518	1-135-908-21	TANTAL. CHIP	47uF	20%	10V
C519	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C520	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C521	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C522	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C524	1-119-751-11	TANTAL. CHIP	22uF	20%	16V
C525	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C526	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V

Ref. No.	Part No.	Description			Remark
C527	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C528	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C529	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C530	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C531	1-107-686-11	TANTAL. CHIP	4.7uF	20%	16V
C532	1-125-889-91	CERAMIC CHIP	2.2uF	10%	10V
C533	1-125-889-91	CERAMIC CHIP	2.2uF	10%	10V
C534	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C535	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C536	1-125-889-91	CERAMIC CHIP	2.2uF	10%	10V
C537	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C538	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
C539	1-125-889-91	CERAMIC CHIP	2.2uF	10%	10V
C540	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C541	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C542	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C543	1-119-751-11	TANTAL. CHIP	22uF	20%	16V
C544	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C545	1-164-217-11	CERAMIC CHIP	150PF	5%	50V
C546	1-107-686-11	TANTAL. CHIP	4.7uF	20%	16V
C548	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C552	1-100-670-11	CERAMIC CHIP	4.7uF	20%	16V
C553	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C554	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C555	1-162-921-11	CERAMIC CHIP	33PF	5%	50V
C556	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C558	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C559	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C560	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C561	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C562	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C564	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C565	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C566	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C567	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C601	1-107-686-11	TANTAL. CHIP	4.7uF	20%	16V
C602	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C603	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C604	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C605	1-162-924-11	CERAMIC CHIP	56PF	5%	50V
C606	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C607	1-107-686-11	TANTAL. CHIP	4.7uF	20%	16V
C608	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C609	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C610	1-239-896-12	FILTER, EMI (SMD)			
C611	1-239-896-12	FILTER, EMI (SMD)			
C612	1-239-896-12	FILTER, EMI (SMD)			
C613	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C614	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C615	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C616	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C617	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C618	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C651	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C652	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C653	1-164-739-11	CERAMIC CHIP	560PF	5%	50V
C654	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C655	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C656	1-107-686-11	TANTAL. CHIP	4.7uF	20%	16V
C657	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C658	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C659	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C660	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C661	1-100-671-11	CERAMIC CHIP	4.7uF	20%	25V
C663	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C701	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C702	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C703	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C704	1-164-230-11	CERAMIC CHIP	220PF	5%	50V
C705	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C706	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C707	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C708	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C709	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C710	1-100-155-91	CERAMIC CHIP	470PF	5%	100V
C712	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C713	1-128-704-11	ELECT	47uF		16V
C714	1-100-671-11	CERAMIC CHIP	4.7uF	20%	25V
C715	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C716	1-100-055-21	CERAMIC CHIP	22uF	20%	16V
C717	1-100-055-21	CERAMIC CHIP	22uF	20%	16V
C718	1-100-671-11	CERAMIC CHIP	4.7uF	20%	25V
C719	1-100-671-11	CERAMIC CHIP	4.7uF	20%	25V
C720	1-100-055-21	CERAMIC CHIP	22uF	20%	16V
C722	1-100-055-21	CERAMIC CHIP	22uF	20%	16V
C723	1-100-055-21	CERAMIC CHIP	22uF	20%	16V
C724	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C725	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C726	1-100-055-21	CERAMIC CHIP	22uF	20%	16V
C727	1-100-671-11	CERAMIC CHIP	4.7uF	20%	25V
C728	1-100-672-11	CERAMIC CHIP	10uF	20%	16V
C729	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C730	1-100-553-21	TANTAL. CHIP	100uF	20%	6.3V
C732	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C733	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C801	1-104-653-11	ELECT	220uF	20%	16V
C803	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C804	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C805	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V
C806	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C807	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C808	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C810	1-100-352-91	CERAMIC CHIP	1uF	20%	16V
C811	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C812	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C813	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C814	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C815	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
C816	1-100-372-21	CERAMIC CHIP	15PF	5%	3.15KV
C817	1-164-315-11	CERAMIC CHIP	470PF	5%	50V
C818	1-110-563-11	CERAMIC CHIP	0.068uF	10%	16V
C819	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C821	1-137-980-91	CERAMIC CHIP	0.47uF	10%	50V
		< CONNECTOR >			
CN252	1-784-650-21	CONNECTOR 2P			

MONITOR

Ref. No.	Part No.	Description	Remark
* CN701	1-784-625-21	CONNECTOR, FFC (ZIF) 30P	
CN801	1-815-494-21	PIN, CONNECTOR 2P	
CN904	1-750-357-11	CONNECTOR, FFC/FPC (ZIF) 24P	
		< DIODE >	
D105	8-719-053-07	LED SML-310MTT86 (POWER)	
D106	8-719-044-76	DIODE 1SS356-TW11	
D107	8-719-017-73	DIODE MA8027	
D108	8-719-069-55	DIODE UDZSTE-175.6B	
D201	8-719-081-67	DIODE M1FM3	
D202	8-719-069-55	DIODE UDZSTE-175.6B	
D352	8-719-992-13	LED DAL5815	
D354	8-719-992-13	LED DAL5815	
D402	8-719-044-76	DIODE 1SS356-TW11	
D404	8-719-022-90	DIODE MA8160-M	
D405	8-719-069-56	DIODE UDZSTE-176.2B	
D406	8-719-017-62	DIODE MA8068-L-TX	
D407	8-719-069-55	DIODE UDZSTE-175.6B	
D408	8-719-988-61	DIODE 1SS355TE-17	
D409	8-719-069-55	DIODE UDZSTE-175.6B	
D501	8-719-044-76	DIODE 1SS356-TW11	
D504	8-719-069-55	DIODE UDZSTE-175.6B	
D505	8-719-069-55	DIODE UDZSTE-175.6B	
D506	8-719-069-55	DIODE UDZSTE-175.6B	
D601	8-719-027-74	DIODE 1SV231-TPH3	
D602	8-719-044-76	DIODE 1SS356-TW11	
D701	8-719-938-72	DIODE SB01-05CP	
D702	8-719-938-72	DIODE SB01-05CP	
D703	8-719-938-75	DIODE SB05-05CP	
D704	8-719-938-75	DIODE SB05-05CP	
D705	8-719-938-72	DIODE SB01-05CP	
D706	8-719-044-76	DIODE 1SS356-TW11	
D707	8-719-044-76	DIODE 1SS356-TW11	
D801	8-719-069-55	DIODE UDZSTE-175.6B	
D912	8-719-069-55	DIODE UDZSTE-175.6B	
D913	8-719-069-55	DIODE UDZSTE-175.6B	
		< FUSE >	
⚠F351	1-576-647-11	FUSE (0.2A/50V)	
⚠F701	1-576-646-11	FUSE (0.5A/50V)	
⚠F801	1-576-406-21	FUSE (1.4A/32V)	
		< FERRITE BEAD >	
FB601	1-414-594-11	INDUCTOR, FERRITE BEAD	
FB602	1-414-594-11	INDUCTOR, FERRITE BEAD	
FB603	1-414-594-11	INDUCTOR, FERRITE BEAD	
FB604	1-414-594-11	INDUCTOR, FERRITE BEAD	
FB605	1-414-594-11	INDUCTOR, FERRITE BEAD	
FB606	1-414-594-11	INDUCTOR, FERRITE BEAD	
FB607	1-414-594-11	INDUCTOR, FERRITE BEAD	
FB608	1-414-594-11	INDUCTOR, FERRITE BEAD	
FB609	1-414-594-11	INDUCTOR, FERRITE BEAD	
FB610	1-414-594-11	INDUCTOR, FERRITE BEAD	
FB611	1-414-594-11	INDUCTOR, FERRITE BEAD	
		< IC >	
IC102	8-759-576-28	IC NJM2533V(TE2)	

Ref. No.	Part No.	Description	Remark
IC103	6-708-125-01	IC BD3930FP-E2	
IC201	6-708-122-01	IC MD5001T	
IC251	6-704-583-01	IC TPA2005D1ZQYR	
IC252	6-703-695-01	IC S-80827CNMC-B8MT2G	
IC301	6-701-824-11	IC BD3870FS-E2	
IC351	6-708-121-01	IC TA2181FNG(EL)	
IC401	6-805-876-01	IC uPD780023AGK-C61-9ET-A	
IC402	6-703-695-01	IC S-80827CNMC-B8MT2G	
IC403	6-703-740-01	IC S-24CS02AFT-TB-G	
IC404	6-600-439-01	IC NJL21H400AF3-M (IR)	
IC501	6-704-269-01	IC AN2546FH-AV	
IC551	6-803-083-01	IC uPD6467GR-546-E1	
IC601	6-704-648-01	IC MN5814	
IC651	8-759-575-16	IC LMC7101BIM5X	
IC652	8-759-278-58	IC NJM4558V-TE2	
IC701	8-759-485-77	IC BA9743AFV-E2	
IC801	6-707-943-01	IC MP1015EF-LF-Z	
		< JUMPER RESISTOR >	
JC351	1-216-864-11	SHORT CHIP 0	
JC353	1-216-864-11	SHORT CHIP 0	
JC354	1-216-864-11	SHORT CHIP 0	
		< COIL >	
L101	1-469-527-91	INDUCTOR 47uH	
L102	1-469-527-91	INDUCTOR 47uH	
L201	1-416-669-11	INDUCTOR 22uH	
L202	1-416-669-11	INDUCTOR 22uH	
L252	1-456-501-11	INDUCTOR 33uH	
L253	1-456-501-11	INDUCTOR 33uH	
L301	1-469-527-91	INDUCTOR 47uH	
L351	1-456-498-11	INDUCTOR 47uH	
L401	1-412-955-11	INDUCTOR 22uH	
L402	1-412-955-11	INDUCTOR 22uH	
L501	1-216-864-11	SHORT CHIP 0	
L502	1-469-527-91	INDUCTOR 47uH	
L503	1-469-527-91	INDUCTOR 47uH	
L504	1-469-527-91	INDUCTOR 47uH	
L505	1-469-527-91	INDUCTOR 47uH	
L551	1-216-295-91	SHORT CHIP 0	
L552	1-412-955-11	INDUCTOR 22uH	
L601	1-412-951-11	INDUCTOR 10uH	
L602	1-400-194-11	INDUCTOR 1.8uH	
L603	1-412-951-11	INDUCTOR 10uH	
L604	1-216-864-11	SHORT CHIP 0	
L651	1-412-951-11	INDUCTOR 10uH	
L652	1-412-951-11	INDUCTOR 10uH	
L653	1-412-951-11	INDUCTOR 10uH	
L654	1-412-951-11	INDUCTOR 10uH	
L701	1-412-951-11	INDUCTOR 10uH	
L702	1-456-439-21	INDUCTOR 150uH	
L703	1-469-527-91	INDUCTOR 47uH	
L704	1-469-527-91	INDUCTOR 47uH	
L705	1-456-160-11	INDUCTOR 47uH	
L706	1-456-160-11	INDUCTOR 47uH	
L707	1-469-527-91	INDUCTOR 47uH	
L708	1-410-381-11	INDUCTOR 10uH	
L709	1-412-951-11	INDUCTOR 10uH	

Ref. No.	Part No.	Description			Remark
L710	1-410-381-11	INDUCTOR	10uH		
L711	1-412-951-11	INDUCTOR	10uH		
L712	1-412-951-11	INDUCTOR	10uH		
L801	1-424-911-21	COIL, POWER			
		< TRANSISTOR >			
Q101	6-550-610-01	TRANSISTOR	2SB1694		
Q102	8-729-029-14	TRANSISTOR	DTC144EUA-T106		
Q104	8-729-905-35	TRANSISTOR	2SC4081-R		
Q105	8-729-905-35	TRANSISTOR	2SC4081-R		
Q106	8-729-029-14	TRANSISTOR	DTC144EUA-T106		
Q107	8-729-029-14	TRANSISTOR	DTC144EUA-T106		
Q108	8-729-029-14	TRANSISTOR	DTC144EUA-T106		
Q109	8-729-029-14	TRANSISTOR	DTC144EUA-T106		
Q351	6-550-632-01	TRANSISTOR	2SC4672-T100-Q		
Q352	6-550-632-01	TRANSISTOR	2SC4672-T100-Q		
Q353	8-729-029-14	TRANSISTOR	DTC144EUA-T106		
Q354	6-550-610-01	TRANSISTOR	2SB1694		
Q355	8-729-029-14	TRANSISTOR	DTC144EUA-T106		
Q356	8-729-026-52	TRANSISTOR	2SA1576A-T106-R		
Q357	8-729-026-52	TRANSISTOR	2SA1576A-T106-R		
Q358	8-729-905-35	TRANSISTOR	2SC4081-R		
Q359	8-729-905-35	TRANSISTOR	2SC4081-R		
Q402	8-729-905-35	TRANSISTOR	2SC4081-R		
Q403	8-729-905-35	TRANSISTOR	2SC4081-R		
Q405	8-729-905-35	TRANSISTOR	2SC4081-R		
Q406	8-729-026-52	TRANSISTOR	2SA1576A-T106-R		
Q407	8-729-905-35	TRANSISTOR	2SC4081-R		
Q408	8-729-905-35	TRANSISTOR	2SC4081-R		
Q409	8-729-905-35	TRANSISTOR	2SC4081-R		
Q410	8-729-026-52	TRANSISTOR	2SA1576A-T106-R		
Q501	8-729-905-35	TRANSISTOR	2SC4081-R		
Q502	8-729-905-35	TRANSISTOR	2SC4081-R		
Q503	8-729-905-35	TRANSISTOR	2SC4081-R		
Q504	8-729-029-14	TRANSISTOR	DTC144EUA-T106		
Q505	8-729-905-35	TRANSISTOR	2SC4081-R		
Q506	8-729-905-35	TRANSISTOR	2SC4081-R		
Q507	8-729-905-35	TRANSISTOR	2SC4081-R		
Q512	8-729-905-35	TRANSISTOR	2SC4081-R		
Q513	8-729-026-52	TRANSISTOR	2SA1576A-T106-R		
Q551	8-729-026-52	TRANSISTOR	2SA1576A-T106-R		
Q652	8-729-905-35	TRANSISTOR	2SC4081-R		
Q654	8-729-026-52	TRANSISTOR	2SA1576A-T106-R		
Q655	6-550-139-01	TRANSISTOR	IMZ1A-T108		
Q701	6-550-139-01	TRANSISTOR	IMZ1A-T108		
Q702	8-729-922-62	TRANSISTOR	2SD1760F5-TLQ		
Q802	8-729-905-35	TRANSISTOR	2SC4081-R		
		< RESISTOR >			
R101	1-216-809-11	METAL CHIP	100	5%	1/10W
R102	1-216-845-11	METAL CHIP	100K	5%	1/10W
R103	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R104	1-216-821-11	METAL CHIP	1K	5%	1/10W
R105	1-216-833-11	METAL CHIP	10K	5%	1/10W
R106	1-216-841-11	METAL CHIP	47K	5%	1/10W
R111	1-216-845-11	METAL CHIP	100K	5%	1/10W
R113	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R114	1-216-845-11	METAL CHIP	100K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R116	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R117	1-216-041-00	RES-CHIP	470	5%	1/10W
R118	1-216-833-11	METAL CHIP	10K	5%	1/10W
R202	1-216-841-11	METAL CHIP	47K	5%	1/10W
R203	1-218-863-11	METAL CHIP	4.7K	0.5%	1/10W
R204	1-218-841-11	METAL CHIP	560	0.5%	1/10W
R205	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R206	1-216-809-11	METAL CHIP	100	5%	1/10W
R251	1-216-296-11	SHORT CHIP	0		
R253	1-216-847-11	METAL CHIP	150K	5%	1/10W
R254	1-216-847-11	METAL CHIP	150K	5%	1/10W
R255	1-216-847-11	METAL CHIP	150K	5%	1/10W
R256	1-216-847-11	METAL CHIP	150K	5%	1/10W
R257	1-216-845-11	METAL CHIP	100K	5%	1/10W
R259	1-216-833-11	METAL CHIP	10K	5%	1/10W
R260	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
R261	1-218-883-11	METAL CHIP	33K	0.5%	1/10W
R301	1-216-821-11	METAL CHIP	1K	5%	1/10W
R302	1-216-821-11	METAL CHIP	1K	5%	1/10W
R303	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R304	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R305	1-216-833-11	METAL CHIP	10K	5%	1/10W
R306	1-216-833-11	METAL CHIP	10K	5%	1/10W
R307	1-216-837-11	METAL CHIP	22K	5%	1/10W
R308	1-216-837-11	METAL CHIP	22K	5%	1/10W
R309	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R310	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R311	1-216-852-11	METAL CHIP	390K	5%	1/10W
R312	1-216-852-11	METAL CHIP	390K	5%	1/10W
R313	1-216-809-11	METAL CHIP	100	5%	1/10W
R314	1-216-809-11	METAL CHIP	100	5%	1/10W
R315	1-216-841-11	METAL CHIP	47K	5%	1/10W
R316	1-216-841-11	METAL CHIP	47K	5%	1/10W
R351	1-216-841-11	METAL CHIP	47K	5%	1/10W
R352	1-216-841-11	METAL CHIP	47K	5%	1/10W
R353	1-216-837-11	METAL CHIP	22K	5%	1/10W
R354	1-216-837-11	METAL CHIP	22K	5%	1/10W
R360	1-216-857-11	METAL CHIP	1M	5%	1/10W
R364	1-216-821-11	METAL CHIP	1K	5%	1/10W
R365	1-216-817-11	METAL CHIP	470	5%	1/10W
R366	1-216-005-00	RES-CHIP	15	5%	1/10W
R367	1-216-005-00	RES-CHIP	15	5%	1/10W
R368	1-216-821-11	METAL CHIP	1K	5%	1/10W
R369	1-216-821-11	METAL CHIP	1K	5%	1/10W
R370	1-216-841-11	METAL CHIP	47K	5%	1/10W
R371	1-216-841-11	METAL CHIP	47K	5%	1/10W
R372	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R373	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R374	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R375	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R376	1-216-819-11	METAL CHIP	680	5%	1/10W
R377	1-216-819-11	METAL CHIP	680	5%	1/10W
R378	1-216-807-11	METAL CHIP	68	5%	1/10W
R379	1-216-807-11	METAL CHIP	68	5%	1/10W
R380	1-216-797-11	METAL CHIP	10	5%	1/10W
R381	1-216-797-11	METAL CHIP	10	5%	1/10W
R401	1-218-891-11	METAL CHIP	68K	0.5%	1/10W
R403	1-218-883-11	METAL CHIP	33K	0.5%	1/10W

MONITOR

Ref. No.	Part No.	Description			Remark
R404	1-216-845-11	METAL CHIP	100K	5%	1/10W
R405	1-216-833-11	METAL CHIP	10K	5%	1/10W
R406	1-216-809-11	METAL CHIP	100	5%	1/10W
R407	1-216-809-11	METAL CHIP	100	5%	1/10W
R408	1-216-809-11	METAL CHIP	100	5%	1/10W
R409	1-216-809-11	METAL CHIP	100	5%	1/10W
R410	1-216-809-11	METAL CHIP	100	5%	1/10W
R411	1-216-833-11	METAL CHIP	10K	5%	1/10W
R412	1-216-864-11	SHORT CHIP	0		
R413	1-216-809-11	METAL CHIP	100	5%	1/10W
R414	1-216-833-11	METAL CHIP	10K	5%	1/10W
R415	1-216-864-11	SHORT CHIP	0		
R422	1-216-841-11	METAL CHIP	47K	5%	1/10W
R423	1-216-841-11	METAL CHIP	47K	5%	1/10W
R424	1-216-809-11	METAL CHIP	100	5%	1/10W
R429	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R430	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R431	1-216-833-11	METAL CHIP	10K	5%	1/10W
R432	1-216-841-11	METAL CHIP	47K	5%	1/10W
R433	1-216-833-11	METAL CHIP	10K	5%	1/10W
R434	1-216-833-11	METAL CHIP	10K	5%	1/10W
R435	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R436	1-216-821-11	METAL CHIP	1K	5%	1/10W
R437	1-216-833-11	METAL CHIP	10K	5%	1/10W
R438	1-216-821-11	METAL CHIP	1K	5%	1/10W
R439	1-216-837-11	METAL CHIP	22K	5%	1/10W
R440	1-216-821-11	METAL CHIP	1K	5%	1/10W
R441	1-216-821-11	METAL CHIP	1K	5%	1/10W
R442	1-216-817-11	METAL CHIP	470	5%	1/10W
R443	1-216-821-11	METAL CHIP	1K	5%	1/10W
R444	1-216-864-11	SHORT CHIP	0		
R451	1-216-809-11	METAL CHIP	100	5%	1/10W
R452	1-216-845-11	METAL CHIP	100K	5%	1/10W
R453	1-216-845-11	METAL CHIP	100K	5%	1/10W
R454	1-216-841-11	METAL CHIP	47K	5%	1/10W
R455	1-216-841-11	METAL CHIP	47K	5%	1/10W
R460	1-216-809-11	METAL CHIP	100	5%	1/10W
R461	1-216-837-11	METAL CHIP	22K	5%	1/10W
R462	1-216-833-11	METAL CHIP	10K	5%	1/10W
R463	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R464	1-216-837-11	METAL CHIP	22K	5%	1/10W
R465	1-216-837-11	METAL CHIP	22K	5%	1/10W
R466	1-216-841-11	METAL CHIP	47K	5%	1/10W
R468	1-216-821-11	METAL CHIP	1K	5%	1/10W
R469	1-216-821-11	METAL CHIP	1K	5%	1/10W
R473	1-216-821-11	METAL CHIP	1K	5%	1/10W
R474	1-216-864-11	SHORT CHIP	0		
R475	1-216-864-11	SHORT CHIP	0		
R476	1-216-809-11	METAL CHIP	100	5%	1/10W
R477	1-216-809-11	METAL CHIP	100	5%	1/10W
R478	1-216-821-11	METAL CHIP	1K	5%	1/10W
R479	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R480	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R489	1-216-864-11	SHORT CHIP	0		
R490	1-216-864-11	SHORT CHIP	0		
R491	1-216-864-11	SHORT CHIP	0		
R492	1-216-809-11	METAL CHIP	100	5%	1/10W
R493	1-216-809-11	METAL CHIP	100	5%	1/10W
R494	1-216-809-11	METAL CHIP	100	5%	1/10W
R495	1-216-821-11	METAL CHIP	1K	5%	1/10W
R496	1-216-817-11	METAL CHIP	470	5%	1/10W
R501	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R502	1-216-835-11	METAL CHIP	15K	5%	1/10W
R503	1-216-839-11	METAL CHIP	33K	5%	1/10W
R504	1-216-864-11	SHORT CHIP	0		
R505	1-216-821-11	METAL CHIP	1K	5%	1/10W
R506	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R507	1-218-272-11	METAL CHIP	5.1K	5%	1/10W
R508	1-216-841-11	METAL CHIP	47K	5%	1/10W
R509	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R512	1-216-809-11	METAL CHIP	100	5%	1/10W
R513	1-216-809-11	METAL CHIP	100	5%	1/10W
R514	1-216-809-11	METAL CHIP	100	5%	1/10W
R515	1-216-809-11	METAL CHIP	100	5%	1/10W
R516	1-216-864-11	SHORT CHIP	0		
R517	1-216-864-11	SHORT CHIP	0		
R518	1-216-864-11	SHORT CHIP	0		
R522	1-216-805-11	METAL CHIP	47	5%	1/10W
R523	1-216-805-11	METAL CHIP	47	5%	1/10W
R524	1-216-805-11	METAL CHIP	47	5%	1/10W
R525	1-216-815-11	METAL CHIP	330	5%	1/10W
R526	1-216-851-11	METAL CHIP	330K	5%	1/10W
R527	1-216-809-11	METAL CHIP	100	5%	1/10W
R528	1-216-809-11	METAL CHIP	100	5%	1/10W
R529	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R530	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R531	1-216-857-11	METAL CHIP	1M	5%	1/10W
R532	1-216-833-11	METAL CHIP	10K	5%	1/10W
R533	1-216-835-11	METAL CHIP	15K	5%	1/10W
R534	1-216-849-11	METAL CHIP	220K	5%	1/10W
R535	1-216-864-11	SHORT CHIP	0		
R536	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R537	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R538	1-216-833-11	METAL CHIP	10K	5%	1/10W
R539	1-216-837-11	METAL CHIP	22K	5%	1/10W
R540	1-216-833-11	METAL CHIP	10K	5%	1/10W
R541	1-216-833-11	METAL CHIP	10K	5%	1/10W
R543	1-216-864-11	SHORT CHIP	0		
R551	1-216-809-11	METAL CHIP	100	5%	1/10W
R552	1-216-809-11	METAL CHIP	100	5%	1/10W
R553	1-216-809-11	METAL CHIP	100	5%	1/10W
R554	1-216-809-11	METAL CHIP	100	5%	1/10W
R555	1-216-809-11	METAL CHIP	100	5%	1/10W
R556	1-216-845-11	METAL CHIP	100K	5%	1/10W
R557	1-216-845-11	METAL CHIP	100K	5%	1/10W
R558	1-216-833-11	METAL CHIP	10K	5%	1/10W
R561	1-216-845-11	METAL CHIP	100K	5%	1/10W
R562	1-216-845-11	METAL CHIP	100K	5%	1/10W
R563	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R564	1-216-839-11	METAL CHIP	33K	5%	1/10W
R565	1-216-835-11	METAL CHIP	15K	5%	1/10W
R566	1-216-833-11	METAL CHIP	10K	5%	1/10W
R567	1-216-833-11	METAL CHIP	10K	5%	1/10W
R601	1-216-833-11	METAL CHIP	10K	5%	1/10W
R602	1-216-853-11	METAL CHIP	470K	5%	1/10W
R603	1-216-813-11	METAL CHIP	220	5%	1/10W

Ref. No.	Part No.	Description			Remark
R604	1-216-845-11	METAL CHIP	100K	5%	1/10W
R605	1-216-809-11	METAL CHIP	100	5%	1/10W
R607	1-216-809-11	METAL CHIP	100	5%	1/10W
R608	1-216-809-11	METAL CHIP	100	5%	1/10W
R610	1-216-821-11	METAL CHIP	1K	5%	1/10W
R619	1-216-821-11	METAL CHIP	1K	5%	1/10W
R620	1-216-821-11	METAL CHIP	1K	5%	1/10W
R621	1-216-821-11	METAL CHIP	1K	5%	1/10W
R622	1-216-821-11	METAL CHIP	1K	5%	1/10W
R633	1-216-841-11	METAL CHIP	47K	5%	1/10W
R634	1-216-809-11	METAL CHIP	100	5%	1/10W
R635	1-216-821-11	METAL CHIP	1K	5%	1/10W
R636	1-216-821-11	METAL CHIP	1K	5%	1/10W
R637	1-216-809-11	METAL CHIP	100	5%	1/10W
R638	1-216-821-11	METAL CHIP	1K	5%	1/10W
R651	1-216-864-11	SHORT CHIP	0		
R652	1-216-835-11	METAL CHIP	15K	5%	1/10W
R653	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R654	1-216-843-11	METAL CHIP	68K	5%	1/10W
R655	1-216-857-11	METAL CHIP	1M	5%	1/10W
R656	1-216-837-11	METAL CHIP	22K	5%	1/10W
R657	1-216-843-11	METAL CHIP	68K	5%	1/10W
R658	1-216-841-11	METAL CHIP	47K	5%	1/10W
R659	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R660	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R661	1-216-840-11	METAL CHIP	39K	5%	1/10W
R662	1-216-840-11	METAL CHIP	39K	5%	1/10W
R663	1-216-834-11	METAL CHIP	12K	5%	1/10W
R664	1-216-840-11	METAL CHIP	39K	5%	1/10W
R665	1-216-839-11	METAL CHIP	33K	5%	1/10W
R666	1-216-805-11	METAL CHIP	47	5%	1/10W
R669	1-216-805-11	METAL CHIP	47	5%	1/10W
R670	1-216-837-11	METAL CHIP	22K	5%	1/10W
R671	1-216-841-11	METAL CHIP	47K	5%	1/10W
R672	1-216-834-11	METAL CHIP	12K	5%	1/10W
R673	1-216-833-11	METAL CHIP	10K	5%	1/10W
R674	1-216-842-11	METAL CHIP	56K	5%	1/10W
R701	1-216-841-11	METAL CHIP	47K	5%	1/10W
R702	1-216-834-11	METAL CHIP	12K	5%	1/10W
R703	1-216-840-11	METAL CHIP	39K	5%	1/10W
R704	1-216-840-11	METAL CHIP	39K	5%	1/10W
R705	1-216-837-11	METAL CHIP	22K	5%	1/10W
R706	1-216-836-11	METAL CHIP	18K	5%	1/10W
R707	1-216-839-11	METAL CHIP	33K	5%	1/10W
R708	1-216-839-11	METAL CHIP	33K	5%	1/10W
R709	1-216-840-11	METAL CHIP	39K	5%	1/10W
R710	1-216-840-11	METAL CHIP	39K	5%	1/10W
R711	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R712	1-216-836-11	METAL CHIP	18K	5%	1/10W
R713	1-216-839-11	METAL CHIP	33K	5%	1/10W
R714	1-216-839-11	METAL CHIP	33K	5%	1/10W
R715	1-216-839-11	METAL CHIP	33K	5%	1/10W
R716	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R717	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R718	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R719	1-216-295-91	SHORT CHIP	0		
R721	1-216-864-11	SHORT CHIP	0		
R722	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R723	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R802	1-216-851-11	METAL CHIP	330K	5%	1/10W
R804	1-216-845-11	METAL CHIP	100K	5%	1/10W
R805	1-216-833-11	METAL CHIP	10K	5%	1/10W
R806	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R808	1-216-833-11	METAL CHIP	10K	5%	1/10W
R809	1-216-837-11	METAL CHIP	22K	5%	1/10W
R810	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R811	1-216-821-11	METAL CHIP	1K	5%	1/10W
R812	1-216-821-11	METAL CHIP	1K	5%	1/10W
R813	1-216-845-11	METAL CHIP	100K	5%	1/10W
R814	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R815	1-216-821-11	METAL CHIP	1K	5%	1/10W
R816	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R817	1-216-851-11	METAL CHIP	330K	5%	1/10W
R818	1-218-833-11	METAL CHIP	270	0.5%	1/10W
R819	1-218-833-11	METAL CHIP	270	0.5%	1/10W
R820	1-216-805-11	METAL CHIP	47	5%	1/10W

< NETWORK RESISTOR >

RB401	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)
RB402	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)
RB403	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)
RB404	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)
RB405	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)
RB406	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)
RB407	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)
RB408	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)
RB601	1-233-412-11	RES, CHIP NETWORK 1KX4 (3216)
RB602	1-233-412-11	RES, CHIP NETWORK 1KX4 (3216)
RB603	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)
RB604	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)

< RF UNIT >

RF101	1-479-467-11	RF UNIT (AV-R003)

< CERMET RESISTOR >

RV351	1-225-907-21	RES, ADJ, CERMET (3 TYPE) 100K
RV352	1-225-907-21	RES, ADJ, CERMET (3 TYPE) 100K
RV651	1-225-905-21	RES, ADJ, CERMET (3 TYPE) 47K
RV652	1-225-905-21	RES, ADJ, CERMET (3 TYPE) 47K
RV701	1-225-901-21	RES, ADJ, CERMET (3 TYPE) 10K
RV702	1-225-901-21	RES, ADJ, CERMET (3 TYPE) 10K

< SWITCH >

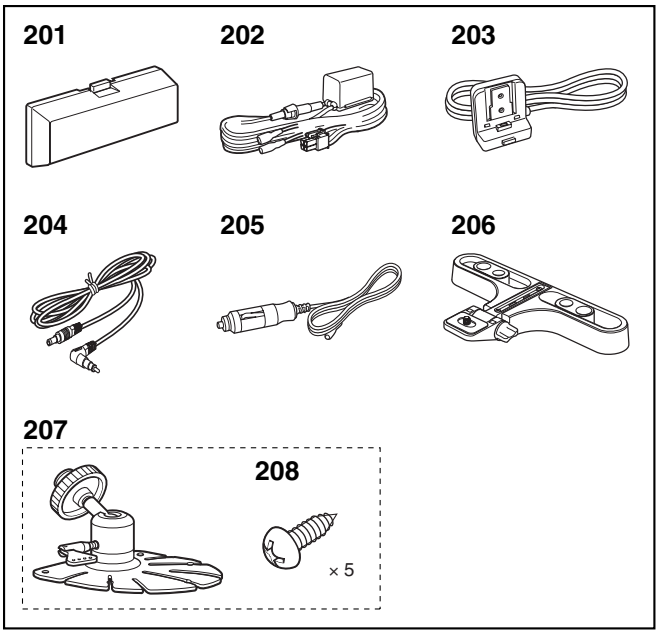
S401	1-762-196-21	SWITCH, TACTILE (RESET)
S402	1-786-700-11	SWITCH, TACTILE (POWER)
S403	1-786-700-11	SWITCH, TACTILE (VOLUME +)
S404	1-786-700-11	SWITCH, TACTILE (VOLUME –)
S405	1-786-700-11	SWITCH, TACTILE (DIMMER)
S406	1-786-700-11	SWITCH, TACTILE (MENU)
S407	1-786-700-11	SWITCH, TACTILE (INPUT)

< TRANSFORMER >

T701	1-443-571-11	TRANSFORMER, DC-DC CONVERTER
T801	1-443-572-11	TRANSFORMER, INVERTER

Ref. No.	Part No.	Description			Remark
		< VARISTOR >			
VR301	1-801-863-21	VARISTOR, CHIP (1608)			
VR302	1-801-863-21	VARISTOR, CHIP (1608)			
		< VIBRATOR >			
X401	1-795-427-21	VIBRATOR, CERAMIC (4.19MHz)			
X501	1-767-104-21	VIBRATOR, CRYSTAL (3.585MHz)			
X502	1-813-108-11	QUARTZ CRYSTAL UNIT (4.43MHz)			
**********					
		MONITOR SUB BOARD			
		**********			
		< CAPACITOR >			
C901	1-125-889-91	CERAMIC CHIP	2.2uF	10%	10V
C902	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C903	1-125-889-91	CERAMIC CHIP	2.2uF	10%	10V
		< CONNECTOR >			
CN901	1-417-407-11	SOCKET (16P)			
CN903	1-750-357-11	CONNECTOR, FFC/FPC (ZIF) 24P			
		< DIODE >			
D901	6-501-333-01	DIODE D1FH3			
D902	8-719-988-61	DIODE 1SS355TE-17			
D903	8-719-069-55	DIODE UDZSTE-175.6B			
		< FUSE >			
⚠F901	1-576-775-21	FUSE (2A/72V)			
⚠F903	1-576-646-11	FUSE (0.5A/50V)			
		< TRANSISTOR >			
Q901	8-729-056-58	FET TPC6102(TE85R)			
Q902	8-729-029-14	TRANSISTOR DTC144EUA-T106			
		< RESISTOR >			
R901	1-216-847-11	METAL CHIP	150K	5%	1/10W
R902	1-216-833-11	METAL CHIP	10K	5%	1/10W
R903	1-216-190-00	RES-CHIP	470	5%	1/8W
**********					
		MISCELLANEOUS			
		**********			
4	1-866-707-11	CABLE, FLEXIBLE FLAT (24P)			
LCD1	1-805-620-12	DISPLAY PANEL, LIQUID CRYSTAL			
SP1	1-826-105-11	SPEAKER (3.6cm)			
**********					

Ref. No.	Part No.	Description	Remark
		ACCESSORIES	
		**********	
	1-479-297-11	REMOTE COMMANDER (RM-X709)	
	1-542-637-11	HEADPHONE, CORDLESS (MV-02HP) (US,CND)	
	2-548-730-01	LID, BATTERY CASE (for RM-X709)	
	2-637-548-01	PAD, EAR (for MV-02HP) (US,CND)	
	2-645-712-11	MANUAL, INSTRUCTION (ENGLISH,FRENCH) (US,CND)	
	2-645-712-21	MANUAL, INSTRUCTION (ENGLISH,SPANISH, TRADITIONAL CHINESE, SIMPLIFIED CHINESE) (E,CH)	
	2-645-712-31	MANUAL, INSTRUCTION (ENGLISH,GERMAN, FRENCH,ITALIAN,DUTCH) (AEP,UK)	
	2-645-713-11	MANUAL, INSTRUCTION, INSTALL (ENGLISH, FRENCH) (US,CND)	
	2-645-713-21	MANUAL, INSTRUCTION, INSTALL (ENGLISH, SPANISH,TRADITIONAL CHINESE, SIMPLIFIED CHINESE) (E,CH)	
	2-645-713-31	MANUAL, INSTRUCTION, INSTALL (ENGLISH, GERMAN,FRENCH) (AEP,UK)	
	2-645-713-41	MANUAL, INSTRUCTION, INSTALL (ITALIAN, DUTCH) (AEP,UK)	
**********			
		PARTS LIST	
		**********	
201	1-756-573-21	BATTERY PACK, LITHIUM ION (MV-100BAT) (AEP,UK,E,CH)	
202	1-830-489-21	CORD, CONNECTION 4P (POWER)	
203	A-1106-127-A	CRADLE ASSY (3m)	
204	1-827-498-21	CABLE, DC (for MV-100BAT) (AEP,UK,E,CH)	
205	1-830-488-11	CORD, CONNECTION (CIGAR) (0.3m)	
206	X-2050-889-1	STAND ASSY (for DASHBOARD) (EXCEPT E,CH)	
207	X-3374-113-2	STAND ASSY (for HEADREST) (AEP,UK,E,CH)	
208	7-685-661-79	SCREW +P 4X12 TYPE4 (AEP,UK,E,CH)	
	1-532-349-99	FUSE 4A 125V (SUPPLIED WITH 205)	



MEMO

REVISION HISTORY

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Also, clicking the version at the upper on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2005.06	New
1.1	2005.08	Chinese model addition.